A PIGMENT OF YOUR IMAGINATION



Inks I Coatings I Plastics I Textiles

ONE OF THE FASTEST
GROWING PIGMENT BRAND
ACROSS THE WORLD



of experience & expertise

For over four decades, Navpad Pigments has been manufacturing world-class pigments. Our customer focus approach, commitment to quality and investment in people and infrastructure has led us to become one of the largest manufacturers of organic, inorganic and high-performance pigments. We are exporting to over 40 countries.

Highly-skilled technicians and researchers work relentlessly to produce high quality products for our customers at our state-of-the-art manufacturing units in Gujarat (India), that are fully equipped with R&D facility, in-house laboratory and application centers.

The Navpad brand, NAVFAST (formerly known as Mahafast), include High Performance, Phthalocyanine, AZO, Toners, Inorganic pigments and Pigment dispersions. Our comprehensive REACH registered portfolio of products are used to manufacture some of the leading, global brands of inks, coatings, plastics and textiles.

At Navpad, quality is a non-negotiable trait that makes us deliver high-performing products consistently. It always takes the lead and success follows.



beyond violets, blues and greens

MANAGEMENT The quality conscious team, where colors run in the DNA



KAMLESH KOTHARI Kamlesh Kothari started Navpad Pigments as Chairman and Chief Executive Officer in 1979. He manages all operations of the company, including infrastructure technology and production facility. Mr. Kothari is continually focused on the operational improvements that provide benefit to Navpad's client base and the candidates it serves. For more than four decades, he has been involved in a broad range of developmental and research activities in the pigment industry.



JINEN **KOTHARI** Jinen Kothari has a background in Chemical Engineering and joined his family business in 2010 as Managing Director.

Mr. Kothari since then has been instrumental in global expansion, business development, integration of business systems and planning. During his tenure at Navpad, he has led the company to achieve double-digit growth through increasing test volumes for clients and the addition of new, value-added services in the European, North and South American markets.



Rushabh Kothari has a background in Electrical and Electronics Engineering and joined the family business in 2013. He currently serves as Director at Navpad and has led the company to success and growth in the Asian and Middle Eastern market. He continues to be responsible for Navpad's global expansion strategy and for setting the direction of the company in the rapidly growing pigment market.



QUALITY CONTROL

At Navpad, we are committed to consistent quality and high-quality research. A commitment that makes us the best in our business. Quality is not just another goal, it is our founding strategy. We take pride in our in-house R&D facility and well-equipped laboratories that are the backbone of our quality assurance.

A well-skilled team, state-of-the-art infrastructure and testing instruments ensure that we monitor, control and measure at every stage of the manufacturing process. Our quality control process is designed to ensure an end-to-end control mechanism. At our sophisticated R&D centers, experienced technologists continuously research to develop products and enhance efficiencies to deliver value to our customers. Furthermore, we extend our quality assurance with our proactive and prompt customer service.

Laboratory Equipment

Spectrophotometer, Two Roll Mill, Hydraulic Press, Injection Moulding, FPV, Red Devil, Viscometer, Automatic Pigment Muller, Automatic Film Applicator, Triple Roll Mill and Lab Kneader among others.

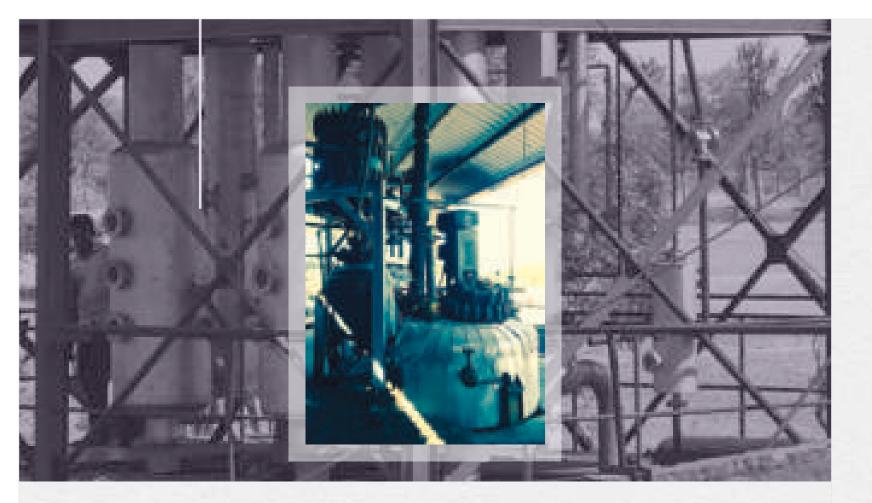
Product Tests

Tinting strength and delta E, conductivity, base compatibility, viscosity-stability, fade resistance, Heat stability, rheology and product dispersion.

> **REGULATORY** COMPLIANCE

BFR RECOMMENDATION IX (BGVV) PACKAGING WATER (EU and CONEG)

EUROPEAN RESOLUTION AP(89)I USA: ASTM – TOYS REACH REGISTRATION - (1907 / 2006) EUROPEAN TOY NORM EN 71-3:1994 SVHC DECLARATION FDA STATUS (21CFR178.3297)



PRODUCTION FACILITY

In compliance with international standards, Navpad production facilities are designed to ensure superior quality of research, production, storage and packaging. Navpad products are manufactured at our our ultra modern manufacturing unit in Gujarat (India), that are fully equipped with R&D facility, in-house laboratory and application centers.

With a current production capacity is 200 MT/year of High Performance pigments, 3600 MT/year of Blue 15 series pigments and 2400 MT/year of Green 7 pigment, the semi-automated sites are built for seamless flow of material from pre-production to delivery. With minimal manual intervention, the production areas ensure low pollution, increased productivity and consistent products with optimized performance.

PACKAGING & LOGISTICS/

Our rich experience of handling high-performing pigments has taught us the importance of packaging and logistics – without good packaging and proper transportation, all efforts of high-quality production and research fail. Our infrastructure investment includes an in-house container stuffing facility which focuses on product safety during transportation via all modes, compliance with regulatory norms and providing several options as per the customer's requirements. With due diligence in our packaging and logistics, we ensure that customers not only receive products on time, but they receive it without any compromise in quality.

Packaging: Carbon boxes, Fibre drums, Paper bags, Jumbo bags or any other packaging type as desired.



APPLICATIONS/



PRINTING INKS

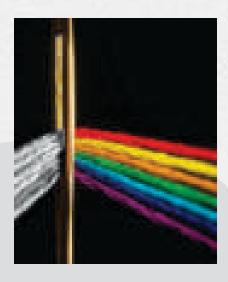
Gravure Flexo Sheet-fed offset Web Offset News Paper UV, Screen

www.navpadpigments.com



COATINGS

Air Drying Enamel Stoving Paints Acrylic Paints Automotive Paints Industrial Paints



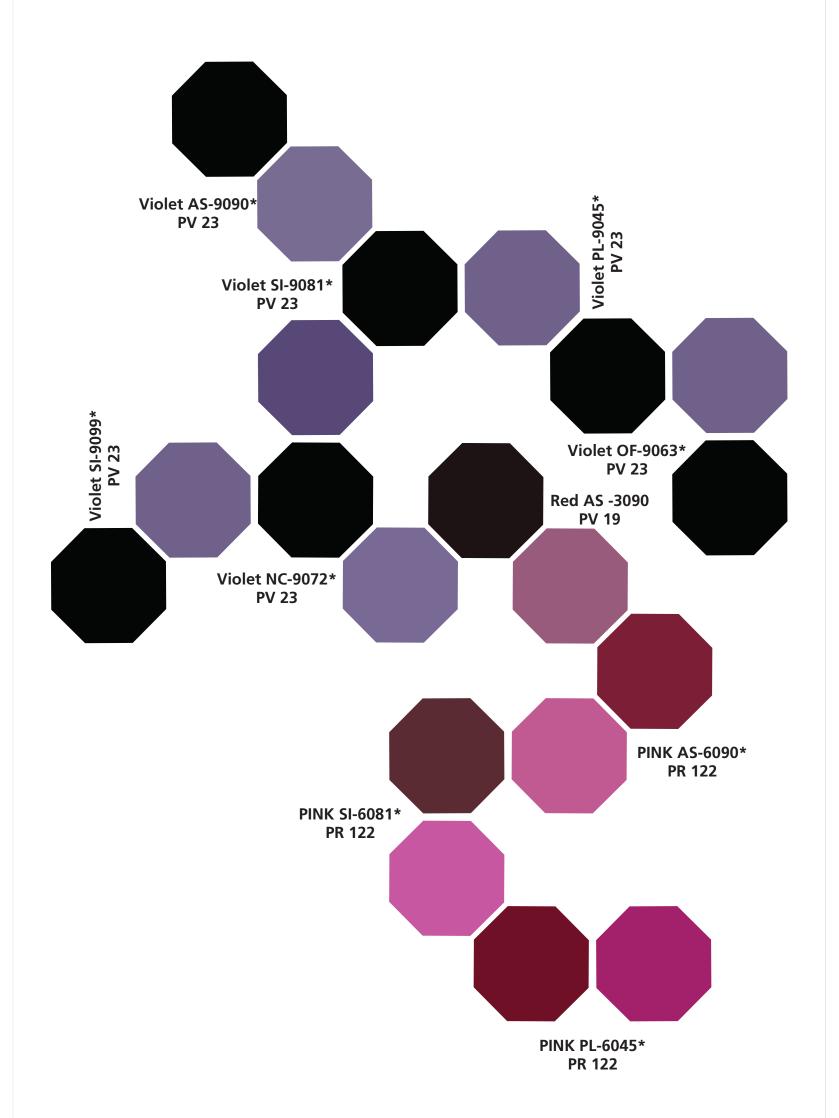
TEXTILES

Textile Printing Leather Paste

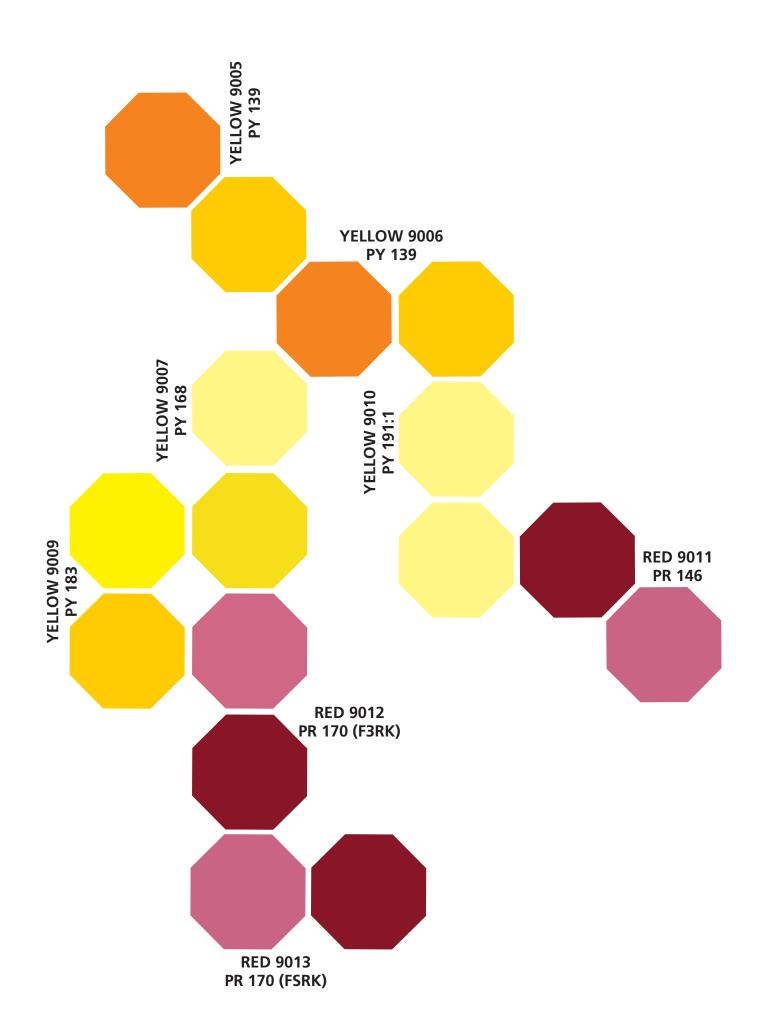


PLASTICS & FIBER

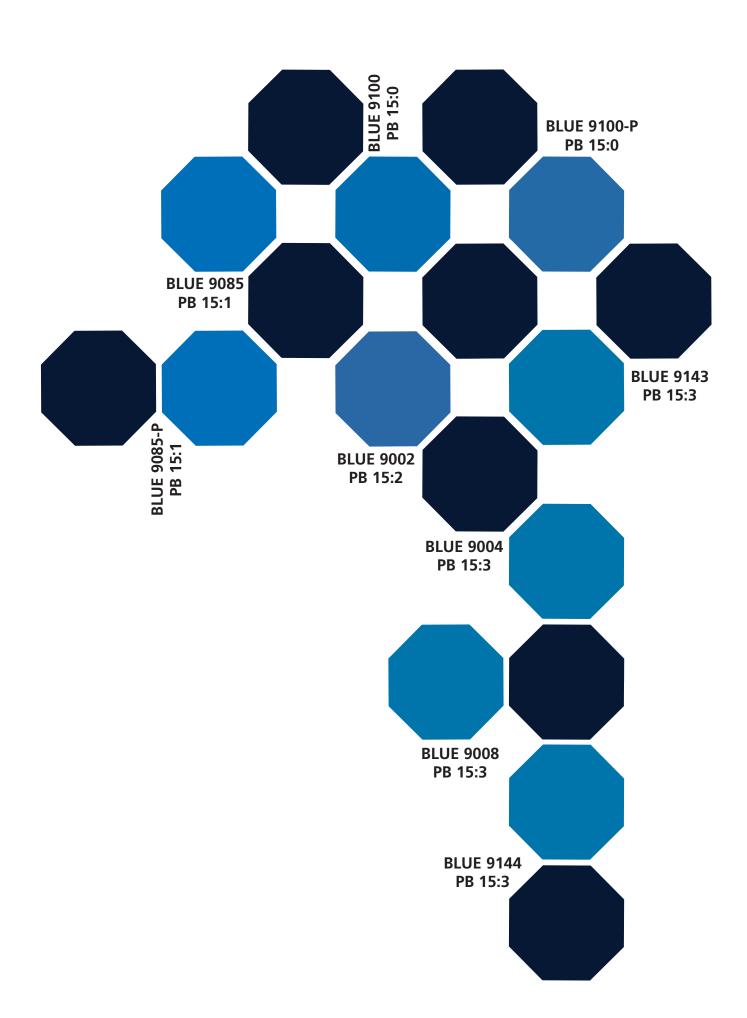
POLYOLEFINS
(LDPE, HDPE, LLDPE)
Poly Propylene
Engineering Polymers
PVC
Fiber
EVA Rubber



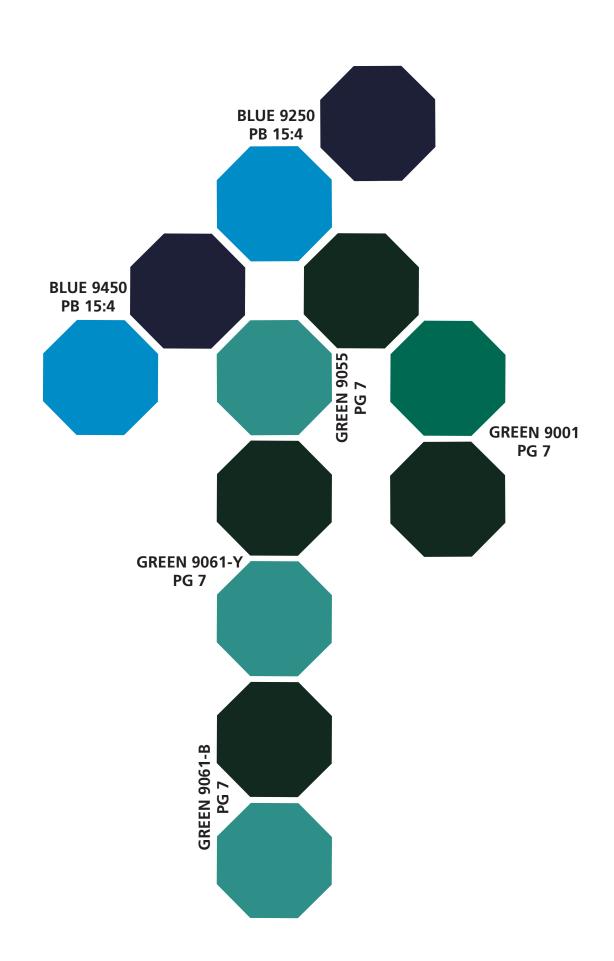
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	i	Resi	star	nt to)	Ligh	Fastness	P	aste	e Ink	cs	Flexo				iid li avu				Dec		Inc	lustri	ial	Aut				P	oly	mer	s			Tovtilo
Brand Name C.I. Generic Name C.I. Constitution No. Pigment Class	Ethanol	Ethyl Acetate	Methy Ethyl Ketone	Acid	Alkali	Full Tone	Tint Tone	Sheetfed	Heatset	Coldset	Metal Deco	Water Based	Vinyl	Nitro Collulose (NC)	Polyamide (PA)		NC / PU	CL - Polypropylene	Publication	Water Based	Air Drying Enamel	Stoving Paint	Powder Coating	Coil Coating	OEM	Refinish	Heat Stability⁰C	Fastness to Migration	Polyolefins (PP/HDPE/LDPE)	Engineering Polymers	PVC	Rubber/Fiber	Heat Stability°C	Fastness to Migration	Tavtila Printing
IIGH PERFORMAN	CE	PI	GI	ИE	NT	S	,																												
NAVFAST VIOLET AS-9090* Pigment Violet 23 1319 / Dioxazine	5	5	5	5	5	8	7					0								•	•	•	•	•	•	•	200	5							
NAVFAST VIOLET SI-9081* Pigment Violet 23 1319 / Dioxazine	5	5	5	5	5	8	7					•	•	•	•	•		•	•																
NAVFAST VIOLET SI-9099* igment Violet 23 i1319 / Dioxazine	5	5	5	5	5	8	7							•	•	•	•	•	•																
NAVFAST VIOLET NC-9072* Pigment Violet 23 S1319 / Dioxazine	5	5	5	5	5	8	7							•	•	•	•	•	•																
NAVFAST VIOLET OF-9063* Pigment Violet 23 51319 / Dioxazine	5	5	5	5	5	8	7	•	•	•	•																		0		0	0	280	5	
NAVFAST VIOLET PL-9045* Pigment Violet 23 51319 / Dioxazine	5	5	5	5	5	8	7	0	0	0	0												•	•			200	5	•	•	•	•	280	5	
NAVFAST RED QR AS-3090 Pigment Violet 19 139100 / Quinacidrone	5	5	5	5	5	8	7													•	•	•	•	•	•	•	200	5	•	•	•	•	300	5	
NAVFAST PINK E AS-6090* Pigment Red 122 139115 / Quinacidrone	5	5	5	5	5	8	7					•								•	•	•	•	•	•	•	200	5							
NAVFAST PINK E SI-6081* Pigment Red 122 739115 / Quinacidrone	5	5	5	5	5	8	7					•	•	•	•	•	•	•	•																
NAVFAST PINK E PL-6045* Pigment Red 122																											200							5	



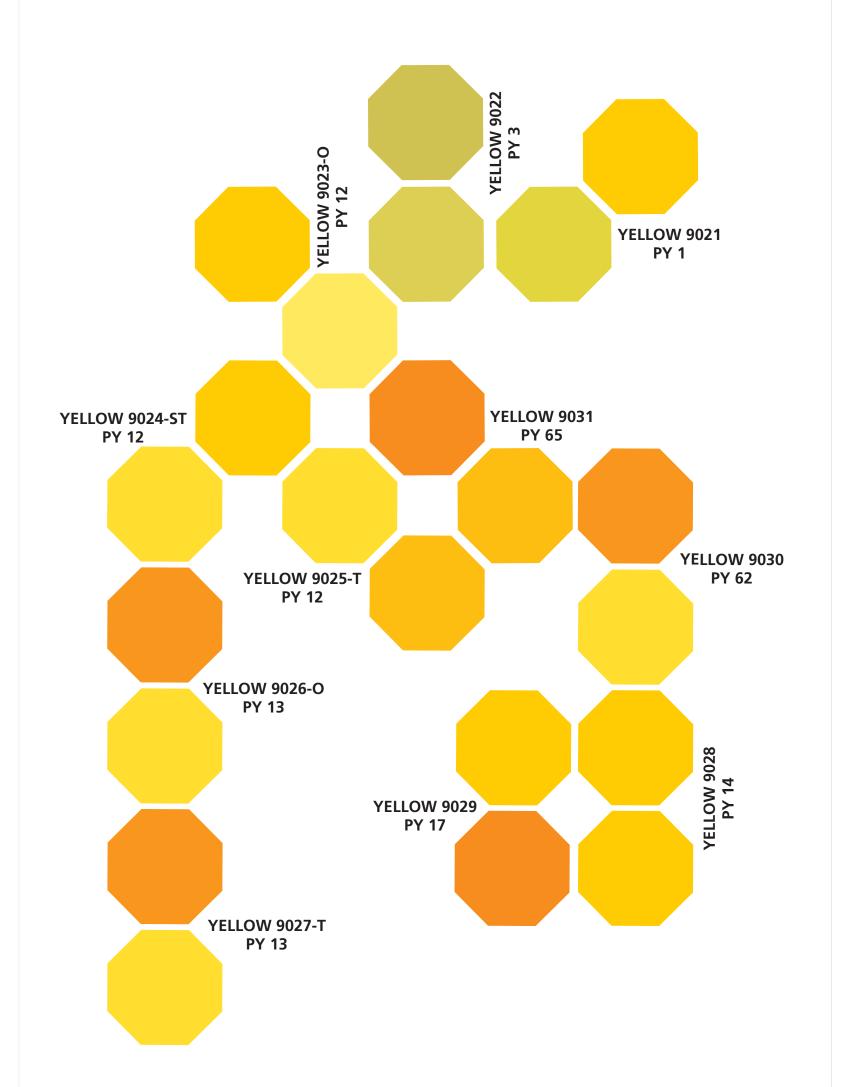
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		Resi	star	nt to)	Light	Fastness	P	aste	e Inl	cs	Flexo			Liqu Gr	uid I avu				De ret	co- ive	Inc	dustr	ial	Aut Mot				Р	oly	mer	s			Textile
Brand Name C.I. Generic Name C.I. Constitution No. Pigment Class	Ethanol	Ethyl Acetate	Methy Ethyl Ketone	Acid	Alkali	Full Tone	Tint Tone	Sheetfed	Heatset	Coldset	Metal Deco		Vinyl	Nitro Collulose (NC)	Polyamide (PA)	NC / PA	NC / PU	CL - Polypropylene	Publication	Water Based	Air Drying Enamel	Stoving Paint	Powder Coating	Coil Coating	OEM	Refinish	Heat Stability°C	Fastness to Migration	Polyolefins (PP/HDPE/LDPE)	Engineering Polymers	PVC	Rubber/Fiber	Heat Stability°C	Fastness to Migration	Textile Printing
HIGH PERFORMAN	CE	: PI	G۱	ИE	NT	S																													
NAVFAST YELLOW 9005 Pigment Yellow 139 56298 / Isoindoline	5	4	5	5	3	7	7													•	•	•	•	•	•	•	240	5							
NAVFAST YELLOW 9006 Pigment Yellow 139 56298 / Isoindoline	5	4	4	5	4	8	7																						•	0	•	0	260	5	
NAVFAST YELLOW 9007 Pigment Yellow 168 13960 / Monoazo lake (ca)	3	3	3	5	4	7	7													•	•		•				200	4	•	0	•	0	250	5	
								Π																											
NAVFAST YELLOW 9009 Pigment Yellow 183 18792 / Monoazo lake (ca)	4	4	4	5	5	8	7																						•	•	•	•	300	5	
NAVFAST YELLOW 9010 Pigment Yellow 191:1 18795 / Monoazo lake (ca)	4	4	4	5	5	7	6													•	•		•				250	5	•	•	•	•	300	5	
NAVFAST RED 9011 Pigment Red 146 12485 / Napthol	4	3	3	5	5	6	5	•	•		•	•	•	•	•	•	•			•	•		•			0	180	5	•		•		180	4	•
NAVFAST RED 9012 Pigment Red 170 (F3RK) 12475 / Napthol	5	5	4	5	5	8	7	•	0	0	•	•	•	•	0					•	•	•	•				200	5	•	0	0	•	260	5	•
NAVFAST RED 9013 Pigment Red 170 (F5RK) 12475 / Napthol	5	5	5	5	5	8	7	•	0	0	•	•	•	•	0					•	•	•	•		0	•	200	5	•	0	0		270	5	•



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		Resi	staı	nt to	•	Light	Fastness	P	asto	e Inl	KS	Flexo				uid ravi		5			eco- tive	Inc	dustri	ial	Aut Moti				Р	oly	mer	s			Textile
Brand Name C.I. Generic Name C.I. Constitution No. Pigment Class	Ethanol	Ethyl Acetate	Methy Ethyl Ketone	Acid	Alkali	Full Tone	Tint Tone	Sheetfed	Heatset	Coldset	Metal Deco	Water Based		Nitro Collulose (NC)	Polyamide (PA)			CL - Polypropylene	Publication	Water Based	Air Drying Enamel	Stoving Paint	Powder Coating	Coil Coating	OEM	Refinish	Heat Stability°C	Fastness to Migration	Polyolefins (PP/HDPE/LDPE)	Engineering Polymers	PVC	Rubber/Fiber	Heat Stability°C	Fastness to Migration	Textile Printing
PHTHALOCYANINE	: P	IGI	ME	ENT	-S/	/																													
NAVFAST BLUE 9100 Pigment Blue 15:0 74160 / Cu Phthalocyanine	5	5	5	5	5	8	7					•								•	•														•
NAVFAST BLUE 9100-P Pigment Blue 15:0 74160 / Cu Phthalocyanine	5	5	5	5	5	8	7																						•		•	•	200	5	
NAVFAST BLUE 9085 Pigment Blue 15:1 74160 / Cu Phthalocyanine	5	5	5	5	5	8	8	•	•	•	•	•								•	•	•	•	•			200	5							•
NAVFAST BLUE 9085-P Pigment Blue 15:1 74160 / Cu Phthalocyanine	5	5	5	5	5	8	8																						•	•	•	•	300	5	
NAVFAST BLUE 9002 Pigment Blue 15:2 74160 / Cu Phthalocyanine	5	5	5	5	5	8	8															•	•	•	•	•	200	5	•	•	•	•	280	5	
NAVFAST BLUE 9143 Pigment Blue 15:3 74160 / Cu Phthalocyanine	5	5	5	5	5	8	8					•								•	•	•	•	•			180	5	0		0	0	280	5	•
NAVFAST BLUE 9004 Pigment Blue 15:3 74160 / Cu Phthalocyanine	5	5	5	5	5	8	8	•	•	•	•																								
NAVFAST BLUE 9008 Pigment Blue 15:3 74160 / Cu Phthalocyanine	5	5	5	5	5	8	7					0	•	•	•	•	•	•	•																
NAVFAST BLUE 9144 Pigment Blue 15:3 74160 / Cu Phthalocyanine	5	5	5	5	5	8	8					•																	•	•	•	•	300	5	

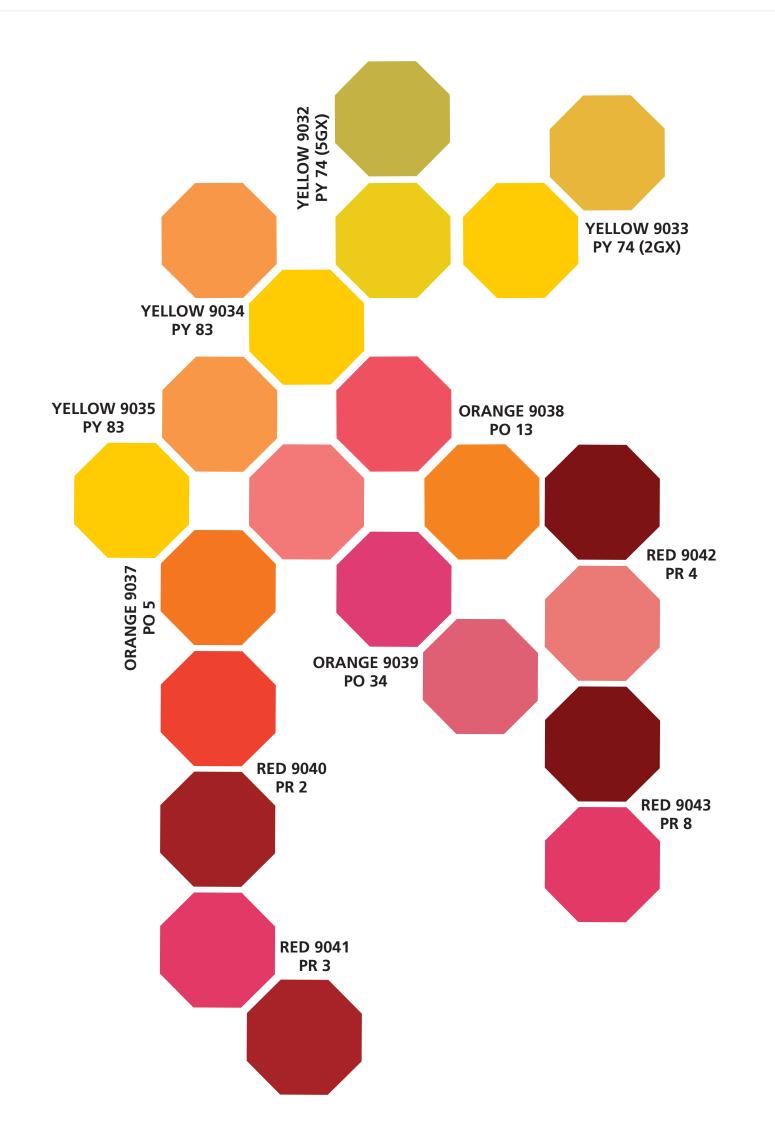


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		Resi	star	nt to)	Ligh	Fastness	P	aste	e Inl	cs	Flexo			Liqı Gı	uid I ravu				De	co-	Inc	dustr	ial	Aut	to- tive			F	Poly	mer	s			Textile
Brand Name C.I. Generic Name C.I. Constitution No. Pigment Class	Ethanol	Ethyl Acetate	Methy Ethyl Ketone	Acid	Alkali	Full Tone	Tint Tone	Sheetfed	Heatset	Coldset	Metal Deco		Vinyl	Nitro Collulose (NC)	Polyamide (PA)	NC / PA	NC / PU	CL - Polypropylene	Publication	Water Based	Air Drying Enamel	Stoving Paint	Powder Coating	Coil Coating	OEM	Refinish	Heat Stability°C	Fastness to Migration	Polyolefins (PP/HDPE/LDPE)	Engineering Polymers	PVC	Rubber/Fiber	Heat Stability°C	Fastness to Migration	Textile Printing
PHTHALOCYANINE	ĒΡ	IGI	ME	EN7	ΓS	/																													
NAVFAST BLUE 9250 Pigment Blue 15:4 74160 / Cu Phthalocyanine	4	4	5	5	5	8	8						•	•	•	•	•	•		•	•	•	•	•			200	5							
																																	_		
NAVFAST BLUE 9450 Pigment Blue 15:4 74160 / Cu Phthalocyanine	4	4	5	5	5	8	8						•	•	•	•	•	•		•	•	•	•	•			200	5							
NAVFAST GREEN 9001 Pigment Green 7 74260 / Cu Phthalocyanine	5	5	5	5	5	8	8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	0		200	5							•
NAVFAST GREEN 9055 Pigment Green 7 74260 / Cu Phthalocyanine	5	5	5	5	5	8	8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	0	•	200	5							•
NAVFAST GREEN 9061-Y Pigment Green 7 74260 / Cu Phthalocyanine	5	5	5	5	5	8	8																						•	•	•	•	300	5	
NAVFAST GREEN 9061-B Pigment Green 7 74260 / Cu Phthalocyanine	5	5	5	5	5	8	8																						•	•	•	•	300	5	



		Poci	ctai	nt to		Light	Fastness						ntin	ıg Ir	nks								Co	atin	ngs						Plas	tics			Textile
	ľ	(C)	stai	11 11	,	Lic	Fast	P	aste	e Ink	cs	Flexo			Liqu Gr	uid I avu					co-	Inc	dustr	ial	Au ¹				F	Poly	mer	s			Tex
Brand Name C.I. Generic Name C.I. Constitution No.	Ethanol	Ethyl Acetate	Methy Ethyl Ketone	Acid	Alkali	Full Tone	Tint Tone	Sheetfed	Heatset	Coldset	Metal Deco	Water Based	Vinyl	Nitro Collulose (NC)	Polyamide (PA)	NC / PA	NC / PU	CL - Polypropylene	Publication	Water Based	Air Drying Enamel	Stoving Paint	Powder Coating	Coil Coating	OEM	Refinish	Heat Stability°C	Fastness to Migration	Polyolefins (PP/HDPE/LDPE)	Engineering Polymers	O.	Rubber/Fiber	Heat Stability°C	Fastness to Migration	Textile Printing
AZO PIGMENTS	#	E	Ž	Ac	A	T	Ē	S	Ι	O	Ž	>	Ϊ́	Ż	Po	N	S	ט	Pu	>	Ξ	St	Po	S	О	Re	¥	Fa	Po	П	PVC	RL	¥	Fa	Te
NAVFAST YELLOW 9021 Pigment Yellow 1 11680 / Monoazo	2	4	3	5	5	7	5			0		•								•	•						180	3							•
NAVFAST YELLOW 9022 Pigment Yellow 3 11710 / Monoazo	4	3	3	5	5	7	6	•												•	•						180	3							•
NAVFAST YELLOW 9023-0 Pigment Yellow 12 21090 / Diarylide	5	5	4	4	4	4	2	•	•	•	0																				•	•	150	5	•
NAVFASTYELLOW 9024-ST Pigment Yellow 12 21090 / Diarylide	4	3	3	5	5	5	4	•	•	•	0		•		•																				
NAVFAST YELLOW 9025-T Pigment Yellow 12 21090 / Diarylide	4	3	3	5	5	5	4	•	•	•	0		•		•																				
NAVFAST YELLOW 9026-0 Pigment Yellow 13 21100 / Diarylide	5	4	4	5	5	7	5	•	•	•	0	•								0	•		0				180	3	•		0	•	200	5	•
NAVFAST YELLOW 9027-T Pigment Yellow 13 21100 / Diarylide	5	4	3	5	5	6	5	•	•	•	•	•	•	•	•	•	•	•																	
NAVFAST YELLOW 9028 Pigment Yellow 14 21095 / Diarylide	5	5	4	4	4	6	4	•	•	•	0	•	•	•	•	•	•	•																	
NAVFAST YELLOW 9029 Pigment Yellow 17 21105 / Diarylide	4	5	5	4	4	6	5	•	•														0							•		•	200	5	•
NAVFAST YELLOW 9030 Pigment Yellow 62 13940 / Monoazo	3	3	3	5	4	7	7													•	•		•				200	4	•		•	250	5		
NAVFAST YELLOW 9031 Pigment Yellow 65 11740 / Monoazo	4	4	4	5	5	7	6	0	0	0	0	•	0	0	0	0				•	•	•	•				180	3							

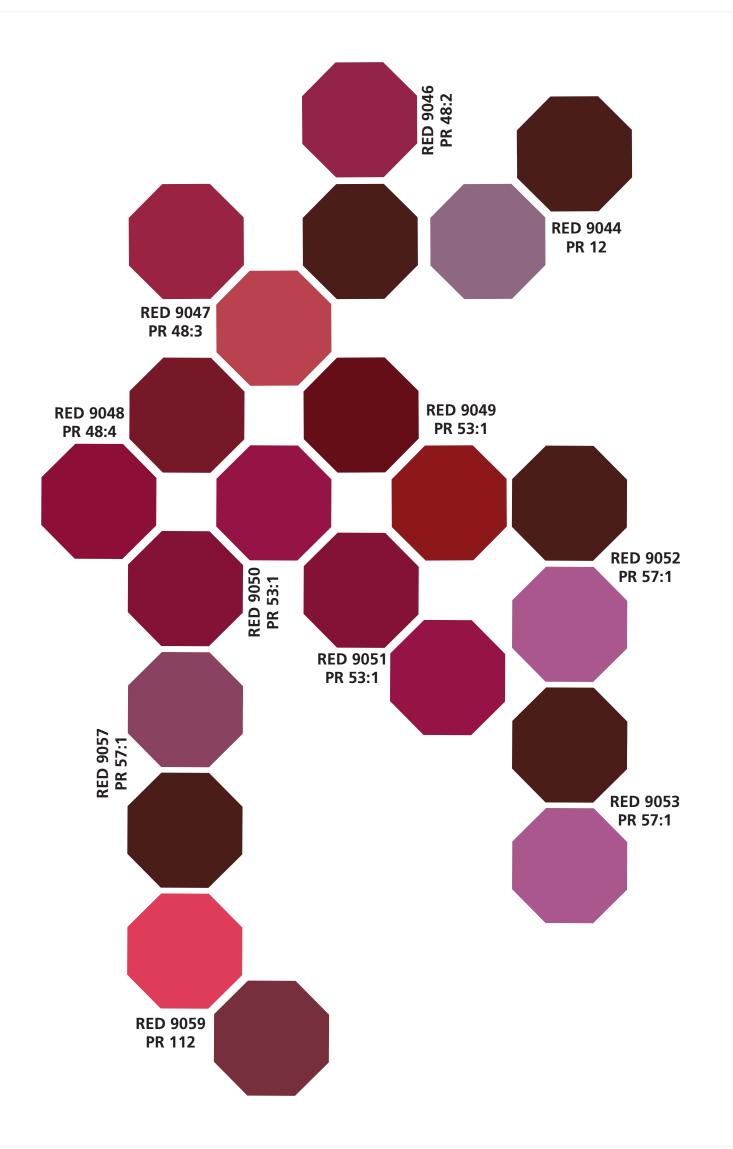
• Suitable • C Limited Suitability



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Brand Name C.I. Generic Name C.I. Constitution No. Pigment Class	Ethanol	Ethyl Acetate	Methy Ethyl Ketone	Acid	Alkali	Full Tone	Tint Tone	Sheetfed	Heatset	Coldset	Metal Deco	Water Based	Vinyl	Nitro Collulose (NC)	Polyamide (PA)	NC / PA	NC / PU	CL - Polypropylene	Publication	Water Based	Air Drying Enamel	Stoving Paint	Powder Coating	Coil Coating	OEM	Refinish	Heat Stability°C	Fastness to Migration	Polyolefins (PP/HDPE/LDPE)	Engineering Polymers	PVC	Rubber/Fiber	Heat Stability°C	Fastness to Migration	Textile Printing

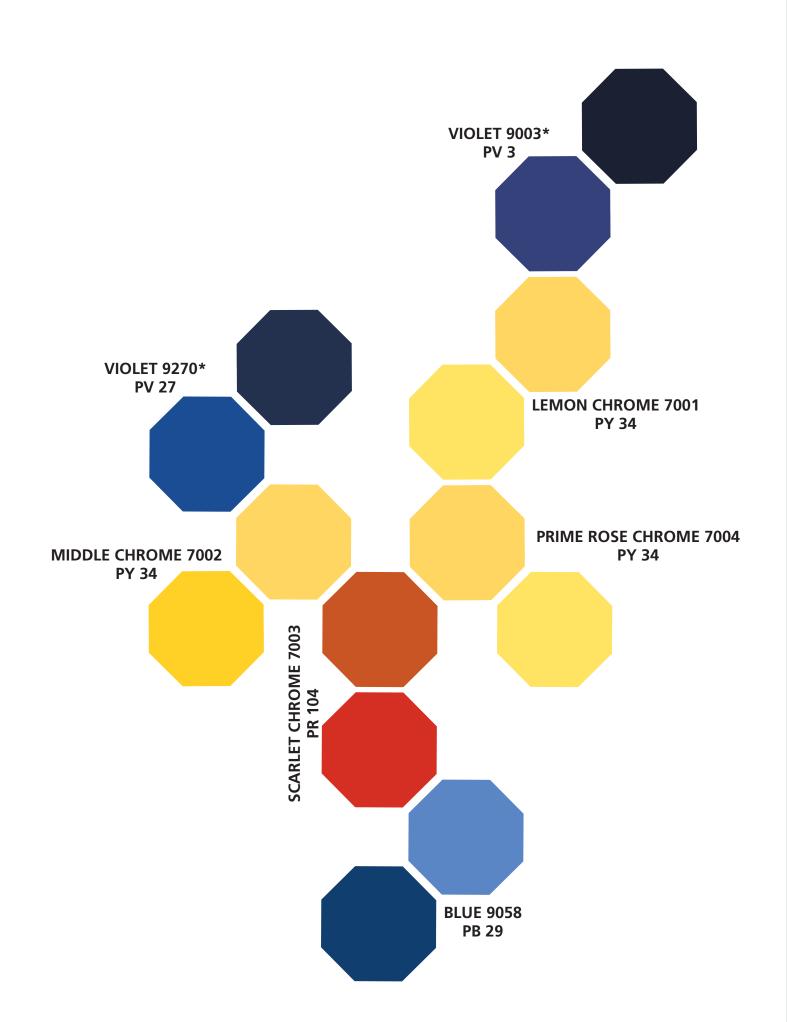
AZO PIGMENTS/

NAVFAST YELLOW 9032 17741 / Moncazo	AZO PIGMENTS																																
Pigment Vellow 74-(2GX) 5 5 4 5 5 7 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pigment Yellow 74- (5GX)	5	4	4	5	5	7	6	•	0	0		•	•	•	•	•	•			•	•	0	•		180	3						•
Pigment Vellow 74-(2GX) 5 5 4 5 5 7 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	NAVEACT VEH OW 0022																																
Pigment Yellow 83 21108 / Diarylide 5 5 5 5 5 5 7 6 • • • • • • • • • • • • • • • • • •	Pigment Yellow 74- (2GX)	5	5	4	5	5	7	6	0	0	0		•	0		0		0			•	•	•	•		200	5						
Pigment Yellow 83 21108 / Diarylide 5 5 5 5 5 5 7 6 • • • • • • • • • • • • • • • • • •																																	
Pigment Yellow 83 21108 / Diarylide 5 5 5 5 5 5 7 6 NAVFAST ORANGE 9037 Pigment Orange 5 12075 / β - Napthol 5 3 3 5 5 6 5 7 6 • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • •<	Pigment Yellow 83	5	5	5	5	5	7	6	•	•	•	0	•								•	•	•	•	•	200	5	•	•	•	200	5	•
Pigment Yellow 83 21108 / Diarylide 5 5 5 5 5 5 7 6 NAVFAST ORANGE 9037 Pigment Orange 5 12075 / β - Napthol 5 3 3 5 5 6 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0<																																	
Pigment Orange 5 12075 / β - Napthol 5 3 3 3 5 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5	Pigment Yellow 83	5	5	5	5	5	7	6						•	•	•	•	•	•	•													
Pigment Orange 5 12075 / β - Napthol 5 3 3 3 5 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5																																	
Pigment Orange 13 21100 / Disazopyrazolone	Pigment Orange 5	5	3	3	5	5	6	5	•	•	•			•	•	•	•	•	•	•	•	•				180	5						
Pigment Orange 13 21100 / Disazopyrazolone									Ξ		Ξ																						
Pigment Orange 34 21115 / Disazopyrazolone 5 5 4 5 5 7 5 • 0 • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • •	Pigment Orange 13	4	4	4	5	5	7	6	•	•	•	•	•	•	•	•	•	•	•	0	•	•		0		150	3 4	•	•	•	200	4	•
Pigment Orange 34 21115 / Disazopyrazolone 5 5 4 5 5 7 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																																	
Pigment Red 2 12310 / Napthol AS 3 3 5 3 7 5 • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • •	Pigment Orange 34	5	5	4	5	5	7	5	•	•	•	0		•	•	•	•	•	•	•	•	•	•	•		200	5						
Pigment Red 2 12310 / Napthol AS 3 3 5 3 7 5 • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • •																																	
Pigment Red 3 12120 / β - Napthol NAVFAST RED 9042 Pigment Red 4 4 4 4 5 4 6 3 • • • • • • • • • •	Pigment Red 2	3	3	3	5	3	7	5	•	•	•		•	•	•	•	•	•	•	•	•	•											•
Pigment Red 3 12120 / β - Napthol NAVFAST RED 9042 Pigment Red 4 4 4 5 4 6 3 • • • • • • • • • • • • • • • • • •																																	
Pigment Red 4	Pigment Red 3	3	4	3	5	5	6	5													•	•				180	3						
Pigment Red 4																																	
12007 p 100ptio		4	4	4	5	4	6	3	•	•	•		•	•	•	•	•	•	•		•	•											
NAVEAST PED 9042	NAVEACT DED 0042																																
NAVFAST RED 9043 Pigment Red 8 12335 / Napthol AS	Pigment Red 8	4	4	4	4	5	5	4	•		•		•	•		•					•												•



		n	-4			ht	ress					Pri	ntin	ıg In	ks								Со	atin	ngs						Plas	tics			extile
		Kesi	stan	ιτ το	•	Lig	Fastness	P	aste	Ink	S	Flexo				ıid I avu	nks re			De ret	co-	Inc	dustr	ial	Au	to- tive			P	olyı	mer	S			Tex
Brand Name C.I. Generic Name C.I. Constitution No. Pigment Class	Ethanol	Ethyl Acetate	Methy Ethyl Ketone	Acid	Alkali	Full Tone	Tint Tone	Sheetfed	Heatset	Coldset	Metal Deco	Water Based	Vinyl	Nitro Collulose (NC)	Polyamide (PA)	NC / PA	NC / PU	CL - Polypropylene	Publication	Water Based	Air Drying Enamel	Stoving Paint	Powder Coating	Coil Coating	OEM	Refinish	Heat Stability°C	Fastness to Migration	Polyolefins (PP/HDPE/LDPE)	Engineering Polymers	PVC	Rubber/Fiber	Heat Stability°C	Fastness to Migration	Textile Printing

AZO PIGMENTS/																																	
NAVFAST RED 9044 Pigment Red12 12385 / Napthol As	3	2	2	4	4	7	5													•	•	0			160	3							•
NAVFAST RED 9046 Pigment Red 48:2 15865:2 / BONA, Ca	4	4	4	3	3	3	3																0				•	•	•	•	240	4	•
NAVFAST RED 9047 Pigment Red 48:3 15865:3 / BONA, Sr	5	5	5	2	4	7	6																0				•		•	•	240	4	
NAVFAST RED 9048 Pigment Red 48:4 15865:4 / BONA, Mn	2	4	4	1	2	4	4																•		180	5							
NAVFAST RED 9049 Pigment Red 53:1 15585:1 / B-Napthol, Ba	4	4	4	2	4	5	3	•	•	•	•	•	•	•	•	•							•				•		•	•	250	5	
NAVFAST RED 9050 Pigment Red 53:1 15585:1 / B-Napthol, Ba	4	4	4	4	5	5	3	•	•	•	•	•	•	•	•	•	•	•	•														
NAVFAST RED 9051 Pigment Red 53:1 15585:1 / B-Napthol, Ba	4	4	4	3	4	4	2				0	•															•		•	•	250	4	
NAVFAST RED 9052 Pigment Red 57:1 15850:1 / BONA, Ca	3	3	3	3	2	5	3	•	•	•	0	•								•	0		•		180	4	•		•	•	240	5	
NAVFAST RED 9053 Pigment Red 57:1 15850:1 / BONA, Ca	3	3	3	3	2	5	3	•	•	•	0	•								•	0		•		180	4	•		•	•	240	5	
NAVFAST RED 9057 Pigment Red 57:1 15850:1 / BONA, Ca	5	3	2	1	3	6	5	•	•	•			•	•	•	•																	
NAVFAST RED 9059 Pigment Red 112 12370 / Napthol As	4	4	3	5	5	7	6	•	•	•		•	•	•	•	•		•		•	•	0	•		180	3							•



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	ı	Resi	staı	nt to)	Light	Fastness						ntın	ıg Ir	ıks Liqu	ıid I	nke						Co	atin							Plas	tics			Textile
						_	Fas	P	aste	Ink	(S	Flexo				avu				De		Inc	lustr	ial	Mot				P	oly	mer	S			¥
Brand Name C.I. Generic Name C.I. Constitution No. Pigment Class	Ethanol	Ethyl Acetate	Methy Ethyl Ketone	Acid	Alkali	Full Tone	Tint Tone	Sheetfed	Heatset	Coldset	Metal Deco	Water Based	Vinyl	Nitro Collulose (NC)	Polyamide (PA)	NC / PA	NC / PU	CL - Polypropylene	Publication	Water Based	Air Drying Enamel	Stoving Paint	Powder Coating	Coil Coating	OEM	Refinish	Heat Stability°C	Fastness to Migration	Polyolefins (PP/HDPE/LDPE)	Engineering Polymers	PVC	Rubber/Fiber	Heat Stability°C	Fastness to Migration	Textile Printing
VIOLET TONERS																																			
NAVFAST VIOLET 9003* Pigment Violet 3 42535:2 / Triarylmethane	4	4	4	4	4	7	5	•	•	•		•	•	•	•	•	•	•	•										0		0		130		0
NAVFAST VIOLET 9270* Pigment Violet 27 42535:3 / Triarylmethane	4	4	4	4	4	7	5	•	•	•		•	•	•	•	•	•	•	•	0	0	0											160		0
INORGANIC PIGME NAVFAST LEMON CHROME 7001 Pigment Yellow 34 77603 / Chrome	5 EN		5	5	5	7	6						•	•	•	•	•	•			•	•	•				200	5	•		•	•	240	5	
NAVFAST																																			
MIDDLE CHROME 7002 Pigment Yellow 34 77603 / Molybdenum	5	5	5	5	5	7	6						•	•	•	•	•	•			•	•	•				200	5	•		•	•	240	5	
NAVFAST SCARLET CHROME 7003 Pigment Red 104 77605 / Chrome	5	5	5	5	5	7	6						•	•	•	•	•	•			•	•	•				200	5	•		•	•	240	5	
NAVFAST																																			
PRIME ROSE CHROME 7004 7004 Pigment Yellow 34 77603 / Chrome	5	5	5	5	5	7	6						•	•	•	•	•	•			•	•	•				200	5	•		•	•	240	5	
NAVFAST BLUE 9058 Pigment Blue 29 77007 / Ultramarine	5	5	5	5	5	7	6														•	•	•				200	5	•		•	•	240	5	

Our Global Presence





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