

Product Series	Chemical Nature	Melting Point	Decomposition Point	Min. Proce. Temp.	Max. Proce. Temp.
PA/HTPA/HTPA 410	Thermoplastic fluorescent pigments	75°C - 85°C	260°C	120°C	250°C
PML	Low temperature melting Polyamide based fluorescent pigments	95°C - 105°C Yellow 110°C - 120°C	290°C	130°C	280°C
PMH / PMZ	High strength, Polyamide based fluorescent pigments with good thermal & light stability	125°C - 135°C Yellow 110°C - 120°C	290°C	220°C	280°C
CP	High-value performance fluorescent pigments	120°C - 130°C	280°C	160°C	270°C
FF 820	Fluorescent pigments for EVA moulding and compression foaming	165°C - 175°C	250°C	170°C (30 min)* 180°C (10 min)*	

*Processing Temp

PRODUCT RECOMMENDATION - POLYMERS

Product Series / Polymers	LLDPE	LDPE	HDPE	PP	GPPS	HIPS	ABS	PC	ACETAL	PVC SPREAD COAT	EVA & RUBBER	ACRYLIC	NYLON 6	CA
PA	✓	✓	✓	✓										
PML	✓	✓	✓	✓	●	●	●	●	●		●	✓	●	●
PMH/PMZ			✓	✓	✓	✓	●	●	●	●	●	✓	●	●
CP	●	✓	✓	✓	✓	✓	●	●	●		●	✓	●	●
FF 820											✓			

PRODUCT RECOMMENDATION - APPLICATIONS

Product Series / Polymers	Master Batch	Moulding & Extrusions	Blow Mouldings	Liquid Colorants	Vinyl Plastisol	Vinyl Calendered Film	Powder Coatings
PA	✓	✓	●	●			
PML	✓	✓	●	●	●	●	
PMH/PMZ	✓	✓	●				●
CP	✓	✓	✓	✓	●	●	●
FF 820	✓ (Rubber)	✓ (EVA)					

TECHNICAL SPECIFICATIONS*							
Grade	Product Description	Bulk Density (g/cc)	Avg. Particle Size	Oil Absorption gm/100 gm Pigment	Thermal Stability	Chemical Resistance	Main Applications
IX A5	Fluorescent Pigments for Water Based Systems	0.25 - 0.30	2.5-4 μ	50-60	210°C	Mild	Aqueous Silk Screen, Flexo & Gravure Inks, Paper Coating, Arts & Crafts, Candles, Crayons, Paints.
IX - ASJ	Fluorescent Pigments for Water Based Systems with Better Storage Stability	0.25 - 0.30	2.5-4 μ	50-60	210°C	Mild	Aqueous Based Silk Screen, Flexo & Gravure Inks, Paper Coating, Arts & Crafts, Candles, Crayons, Paints.
IXT 311 LF	Fluorescent Pigments for Solvent Base Systems	0.35 - 0.40	4.0 - 6.0 μ	50-60	230°C	Strong	Solvent Base Paints, Flexo & Gravure Inks, Vinyl Plastisols for Textile, Aerosol Paints (solvent), PVC and Artificial Leathers
IXT 350 LF	Fluorescent Pigments for Solvent Base Systems	0.32 - 0.36	3.5 - 6.0 μ	50-60	230°C	Strong	Solvent Base Paints, Flexo & Gravure Inks, Vinyl Plastisols for Textile, Aerosol Paints (solvent), PVC and Artificial Leathers
FF 811	Formaldehyde Free Fluorescent Pigment for Water Base and Mild Solvent Base Systems	0.20 - 0.30	2.5 - 3.5 μ	55-65	250°C	Mild	Aqueous Textile Printing, Paper Coating & Aerosol Paints, Flexo & Gravure Inks, Plastisol Inks, Arts & Crafts, Rubber (selective)