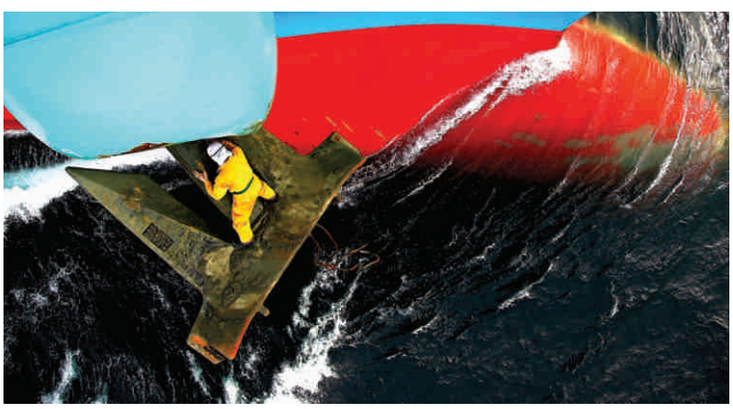
25 YEARS
MOULDING INNOVATION, BINDING LIVES
1991–2016

Hitech









Resins and Polymers for Paints and Coatings

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Reactive Polyamides

Product	Color Gardner	% NVM (Volatile/ solvent)	Viscosity B/F (@ °C) / mPa.s	Amine value (mg KOH/gm)	AHEW (Calcd)	Recommended loading pph of liquid Epoxy EEW-200	Description / Uses
HP-100125	8.0 max	-	700 – 900 (75°C)	340.0 - 375.0	~ 130.0	50.0 – 70.0	Applications/ End use: Ship building industry, potting, casting, encapsulation, Maintenance and marine coatings. Properties: Good color, low viscosity, water and corrosion resistance, light stability and long pot life.
HP-100140	8.0 max	-	300 - 600 (75°C)	370.0 - 400.0	~ 95.0	40.0 – 60.0	Applications/ End use: Synthetic flooring, tank and pipe lining, metal and plastic adhesives, Maintenance coatings. Properties: Low viscosity and long pot life. Good pigment and substrate wetting, good adhesion, chemical and corrosion resistance.
HP-100140LV	8.0 max	-	2400-4000mPa.s (25°C)	380.0 - 420.0	~ 95.0	50.0 – 60.0	Applications/ End use: Synthetic flooring, tank and pipe lining, metal and plastic adhesives, Maintenance coatings. Properties: Low viscosity and long pot life. Good pigment and substrate wetting, good adhesion, chemical and corrosion resistance.
HP-100115	11.0 max	-	500 - 750 Ps (40°C)	210.0 - 250.0	~ 240.0	80.0 – 115.0	Applications/ End use: In combination with liquid epoxy for solvent less coatings for steel, for potting, impregnation, adhesives. Construction industry and protective coatings. Properties: Low viscosity, long pot life, low isotherm, shrinkage.
HP-100115K	11.0 max	-	500 - 750 Ps (40°C)	210.0 - 250.0	~ 240.0	80.0 – 115.0	Application/End use: similar to HP 100115 however exhibits good drying and excellent hardness in damp/high humid conditions.
HP-170115 XL	8.0 max	70.0+/- 1.0 (Xylene)	400 - 2000 (25°C)	165.0 - 175.0	~ 340.0	50.0 – 70.0	Applications/ End use: Surface coatings, casting, tanks and pipe coatings, adhesive coatings, masonry and pool coatings. Properties: Low viscosity, good color, water and corrosion resistance, long pot life, flexibility and impact strength.
HP-100503	7.0 max	-	350+/ - 50 (25°C)	500.0+/-50.0	~ 95.0	50.0 – 70.0	Applications/ End use: In combination with liquid epoxy for solvent less coatings for steel, for potting, impregnation, adhesives. Construction industry and protective coatings. Properties: Low viscosity, long pot life, low isotherm, shrinkage.
HP-100506	10.0 max	-	200.0 - 500.0 (25°C)	500.0+/-50.0	~ 95.0	50.0 – 70.0	Applications/ End use: Composites and well lay-up laminates,floorings,concrete repairs and high solid coatings. Properties: Low viscosity and very long pot life.
HP-160195 XL	11.0 max	60.0 +/- 2.0 (Xylene)	3000.0 - 6000.0 (25°C)	240.0 - 270.0	~ 240.0	45.0 (Solids)	Applications/ End use: It has excellent compatibility with liquid epoxy suitable for low VOC coatings. Properties: Extremely fast drying, corrosion resistance and good adhesion to different substrates.
HP-100350	10.0 max	-	90.0 - 150.0 (25°C)	365.0 - 395.0	~ 95.0	50.0	Applications/ End use: Lower viscosity compare to HP 100140. High imidazoline content and longer pot life.
HP-100960	12.0 max	-	200.0 - 400.0 (25°C)	360.0 - 380.0	~ 95.0	48.0	Applications/ End use: Specially designed for liquid epoxy suitable for casting,potting,impregnation,adhesives and solventless coatings.
HI-100100	14.0 max	-	X - Z (25°C)	170.0 - 180.0	90.0 % minimum Imidazoline content	-	Excellent corrosion resistance inhibitor performs at low inclusion levels(10.0 - 1000.0 ppm). Suitable for use in wide range of oil field applications, particularly temporary corrosion protection.

Reactive Polyamines

Product	Color Gardner	Viscosity B/F (@ 25°C)/ mPa.s	Amine value (mg KOH/gm)	AHEW (Calcd)	Recommended loading pph of liquid Epoxy EEW-200	Description / Uses
HP-100205	1.0 max	5.0 – 7.0 Ps	260.0 – 300.0	102.0 – 105.0	58.0 – 60.0	Applications/ End use: Ind floorings, tank linings, solvent free ctgs and adhesive for concrete. Properties: Modified low viscosity amine curing agent used in combination with liquid epoxy for cold curing/ambient temperature
HP-100530	3.0 max	100.0 – 300.0	250.0 – 400.0	~ 93.0	48.0 – 50.0	Applications/ End use: Solvent free coatings. Self-levelling Ind floorings, mortars, primers and adhesive for concrete. Properties: Modified low viscosity amine curing agent, water and corrosion resistance, low color and good color stability.
HP-100042	1.0 max	20.0 – 35.0	645.0 – 655.0	42.0 – 45.0	23.0 - 25.0	Applications/ End use: Construction industry systems suitable for solvent free, cold cure coatings. Coatings for Corrosion, mastics, floorings, hardener for resin mortars. Properties: Excellent mechanical properties, resistance to neutral and alkaline solutions.
HP-100060	15.0 max APHA	100.0 – 140.0	445.0 – 495.0	~ 60	32	Applications/ End use: Heavy duty protective coatings, casting and encapsulation, structural adhesives and composite laminations. Properties: High temperature resistance, Excellent chemical and moisture resistance, good adhesion to metal substrates, low color stability having longer pot life.
HP-100686	12.0 max	100.0 - 400.0	290.0 - 330.0	~ 95.0	50.0 - 52.0	Economical grade compare to HP 100205, provides high mechanical build-up, rapid cure and suitable for low temperature applications.
HP-100618	1.0 max	400.0 - 450.0	260.0 - 280.0	~ 113	60.0 - 62.0	Application/ End Use: Suitable for high solid coatings, self-levelling floorings, mortars and grouts. Properties: Low color and good color stability, chemical resistance and high gloss.
HP-100934	3.0 max	140.0 – 360.0	265.0 – 295.0	~ 100.0	48.0 – 50.0	Applications/ End use: Suitable for self levelling and Self-levelling floorings and solvent less coatings. Low viscosity, longer pot life.



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