

# POLYAMIDE RESINS

Product Code	Type	Solvent	% Non Volatiles ±2	Viscosity		Amine Value by HClO <sub>4</sub> mg.KOH/g.	Mixing ratio with 100 parts of Epoxy Resin		*Gel Time minutes	Notes
				Ref.	Unit		SYNPOL 200	SYNPOL 450XX		
SYNPOL 105 X	Reactive	Xylene	60	V1	30 - 50	51 - 57 (of supply)	165 - 200	100 - 120	...	Very high viscosity polyamide hardener for solvent based epoxy coatings of good chemical resistance properties with toughness, flexibility and mar proof properties. It provides excellent adhesion and flexibility to coating for rubber stoppers.
SYNPOL 115	Reactive	...	...	V2	500 - 750	210 - 260	65 - 100	30 - 40	...	High viscosity polyamide hardener for protective and decorative coatings with exterior durability and resistance to solvents, chemicals, mild acids, alkalis, water and marine weather conditions.
SYNPOL 115 (70% IN XYLENE)	Reactive	Xylene	70	V4	8 - 15	145 - 185 (of supply)	95 - 140	45 - 60	...	
SYNPOL 125	Reactive	...	...	V3	450 - 550	280 - 330	45 - 65	25 - 35	...	Medium viscosity polyamide hardener for high solids epoxy coatings and adhesives.
SYNPOL 130	Reactive	Water	70	V4	60 - 120	310 - 360 of solid by HCl	80 - 90	...	...	Medium viscosity water soluble polyamide hardener for water emulsifiable epoxy coatings for civil engineering applications.

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				Ref.	Unit		SYNPOL 200	SYNPOL 450XX		
SYNPOL 140	Reactive	...	...	V3	120 - 180	350 - 410	35 - 55	20 - 25	...	Low viscosity polyamide hardener for high build solventless coatings, adhesives, castings, lamination, potting, encapsulation, etc.
SYNPOL 150	Reactive	...	...	V3	5 – 15	390 - 450	45 - 55	...	80 - 100	
SYNPOL 160	Reactive	...	...	V3	4 – 10	390 - 450	50 - 60	...	100 - 120	Very low viscosity polyamide hardener for solventless coatings, solders, castings, laminating, potting, encapsulation of electric components, epoxy polyamide tar formulation for patching and sealants.
SYNPOL 160 LP	Reactive	...	...	V3	4 – 10	390 - 440	50 - 60	...	180 - 240	Very low viscosity polyamide hardener with very long pot life for civil engineering applications.

**Note:-**

V1 of 60% solution in Xylene in poises at 25°C.

V2 of solid resin in poises at 40°C.

V3 of solid resin in poises at 25°C.

V4 of supply at 25°C in poises.

\*GEL TIME : Typical values in minutes for 150 g. mass at 25°C. with SYNPOL 200.