

## PHENOL FORMALDEHYDE RESINS

Product Code	Type	Colour & Appearance	% Non Volatiles $\pm 2$	Solvent	Viscosity		Melting point °C by capillary method	Free methylol %	Acid value mg.KOH/g.	Mineral spirit tolerance*	Notes
					Ref.	Unit					
SYNPOL L- 9	Butylated phenolic	Yellow to brown liquid	65	n-Butanol	V1	4 – 10	...	...	60 - 90	10 – 30	Curing agent for epoxy based tough & flexible, chemical acid & alkali resistant coatings for drums, collapsible tubes, used for food, drugs & cosmetic products. Also used with polyvinyl butyral and alkyd resins for etch primers, adhesives, insulating varnishes & wire enamels.
SYNPOL L- 97	Butylated phenolic	Yellow to brown liquid	68	n-Butanol	V1	2 – 6	...	...	45 - 65	15 - 25	
SYNPOL LQ- 4	Catalyzed butylated phenolic	Yellow to brown liquid	40	n-Butanol	V2	20 - 80	...	...	...	...	Used in manufacture of carbon track potentiometers.
SYNPOL PR- 10/B	Alkyl phenol formaldehyde thermosetting resin	Pale Yellow	...	...	V3	1 – 2	60 - 80	12 – 14	70 - 100	...	Spar varnishes, marine finishes, wood varnishes, electrical insulating varnishes, rubber based adhesives.

### Note:-

V1 of supply at 25°C., in Poises.

V2 of supply at 25°C., in Cps.

V3 of 60% solution in Toluene at 25°C., in Poises.

\* Mineral Spirit Toerance : ml. of Mineral Spirit tolerated without becoming hazy when 10ml. Of liquid resin is further diluted.