

TECHNICAL DATA SHEET

PHENOLIC RESINS

Product Code	Acid Value Mg KOH/gm max	Viscosity 50% in Toluene@ 30 ° c in FCB-4 Seconds	Melting Point Range ° c	Tolerance of 50 % Toluene solution	Color of 50 % Toluene solution in Gardner scale	Recommended Applications
501	25	25 – 35	125 – 135	1 : 5 Min	12 Max	Letter press & Offset inks. In liquid inks for better solvent release.
503	25	15 – 20(80–90 in 50 % MTO)	125 – 135	1 : 5 min 1 : 10 & above	12 Max	Paints, sealants and primers. Insulating varnishes.
505	25	45 – 60	145 – 155	1 : 5 min 1 : 10 & above	12 Max	Offset inks with excellent water repellence and Letter press inks.
507	25	70 – 90	150 – 160	1 : 10 min 1 : 10 & above	12 Max	Quick set sheet fed & web offset inks with high gloss.
509	25	140 – 160	150 – 160	1 : 10 min 1 : 10 & above	12 Max	High quality. Quick set & sheet fed inks with good gloss and sharp print and press stability. High aliphatic hydrocarbon solubility makes it highly suitable for heat set inks.