



RESIN

2 Phenolic Resin





Product Code	Product Name	Softening Point Ball & Ring ° C	Acid Value Max.	Reducer	Color in Gardner Scale Max. (50% Solution)	Viscosity in FCB4 @ 25°C (50 % Solution)	MTO/WS Tolerance Min.	Application
А	Rosin Modified Phenolic Resin							
PHE 5001 99	Rosin Modified Phenolic Resin	130 - 140	25	50% in Toluene	12	18 - 22	1:1	Synthetic enamel, rust preventive lacquer, road marking paint, letter press and offset inks.
PHE 5002 99	Rosin Modified Phenolic Resin	125 - 135	25	50% in Toluene	12	30 - 40	1:∞	Letter press and offset inks, liquid inks having better solvent release and scratch - proofness.
PHE 5003 99	Rosin Modified Phenolic Resin	140 - 150	20	50% in Toluene	12	30 - 40	1:∞	Letter press and offset inks, liquid inks having better solvent release and scratch - proofness.
PHE 5004 99	Rosin Modified Phenolic Resin	150 - 160	20	50% in Toluene	12	160 - 180	1 : 10	Sheet offset inks, web offset inks.
PHE 5005 99	Rosin Modified Phenolic Resin	150 - 160	25	50% in Toluene	12	50 - 70	1:∞	Sheet offset inks, web offset inks, lithographic inks and gravure printing inks.
PHE 5006 99	Rosin Modified Phenolic Resin	150 - 160	25	40% in Xylene	12	80 - 110	1:∞	Sheet offset inks, web offset inks, packaging inks.
PHE 5007 99	Rosin Modified Phenolic Resin	145 - 155	25	40% in Xylene	12	45 - 55	1:∞	Webset (heatset and coldset) offset inks, sheetfed offset inks, waterless/letterpress, colored news inks.
PHE 5008 99	Rosin Modified Phenolic Resin	150 - 170	25	30% in Toluene	12	30 - 40	1:∞	Soft oil varnishes, flushed colours, resin bonded pigments, heat set printing ink.
PHE 5105 99	Rosin Modified Phenolic Resin	106 - 118	125 - 135	50% in Toluene	12	15 - 21	1:1	Printing ink.
PHE 5108 99	Rosin Hydrocarbon Modified Hybrid Resin	150 - 170	25	35 % in Soybean oil : Ink Oil 30: 70	12	100 - 200 Ps @ 30 C	1:∞	Offset, web offset (heatset and coldset), waterless, letterpress, sheetfed and gloss offset.

MTO - Mineral Turpentine Oil

WS - White Spirit

For more details request for Individual Data Sheets

2 Phenolic Resin





Product Code	Product Name	Softening Point Ball & Ring ° C	Acid V Ma		Color in Gardner Scale Max. (60% Solution in Toluene)	Viscosity @ 30°C on Gardner strokes (60 % Solution in Toluene	Appearance	Methylol Content	Application
В	Alkyl Phenol Formaldehyde Resin								
PHE 5060 99	Alkyl Phenol Formaldehyde Resin	70 - 85	30)	> 18	1 - 2	Reddish brown lumps	14 - 18	Neoprene rubber solutions based adhesives
PHE 5062 99	Alkyl Phenol Formaldehyde Resin	60 - 70	15	5	6	0.5 - 0.85	Light yellow solid lumps	8 - 12	Autoprimer varnishes, wire enamels, weather and chemical resistant varnishes.
PHE 5063 99	Alkyl Phenol Formaldehyde Resin	70 - 85	30)	8	1 - 2	Light yellow solid lumps	14 - 18	Neoprene rubber solutions based adhesives.
PHE 5068 99	Alkyl Phenol Formaldehyde Resin	70 - 85	30)	> 18	1 - 2	Dark violet brown solid lumps	12 -16	Neoprene rubber solutions based adhesives.
Product Code	Product Name	Softening Point Ball & Ring ° C	Acid V Ma		Color in Gardner Scale Max. (50% Solution in Tolunene)	Viscosity in FCB4 @ 30°C (50 % Solution in toluene	Apperance	Tolerance of 50% soln. in toluene	Application
C	Phenolic Resin Novolac								
PHE 5040 99	Alcohol Soluble Phenolic Resin Novolac	70 - 90	60)	2	20 - 35	Pale yellow to amber lumps	1 : ∞ to IMS	Deep freeze, oil resistant, flexo / gravure inks. Spirit varnishes, flexographic inks for food wrappers, aniline inks, rust preventive lacquers, road marking and petrol resistant paints, adhesives based on neoprene rubber solution.
PHE 5041 99	Alcohol Soluble Phenolic Resin Novolac	90 - 100	60)	2	20 - 35	Pale yellow to amber lumps	1 : ∞ to IMS	Flexo/gravure inks, spirit varnishes, flexographic inks for food wrappers, aniline inks, rust preventive lacquers, road marking and petrol resistant paints, adhesives based on neoprene rubber solution.
Product Code	Product Name	1	% Non Volatile ph Matter	1	Viscosity @ 25°C in cps	Free Phenol %	Free Moisture %	Ash Content % Maximum	Application
D	Phenolic Resin Resol								
PHE 5799 70	Phenol Formaldehyde Resin Resol		70 - 75 6.5 -	6.9	250 - 350	12 - 16	5 - 10	0.2	Shell moulding in foundry.

IMS - Industrial Methylated Spirits

For more details request for Individual Data Sheets

This overview gives the key properties of broad selection of products. The product specification were correct at the time of publishing but they may change from time to time. It is recommended to contact us for comprehensive information on full range of products.





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