



BLUEBELL POLYMERS PRIVATE LIMITED

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PRODUCT CODE : PHENOLIC / 04.04

BLUMER PB-260/R LV

TYPE : Phenolic modified rosin ester.

DESCRIPTION : Low viscosity oil soluble para substituted phenolic modified rosin penta ester with good M.T.O. tolerance.

SPECIFICATIONS :

1) Appearance	Clear light yellowish brown solid resin.
2) Density @ 25 ^o C.	0.98
3) Viscosity @ 30 ^o C of 50 % solution in Toluene in B4 cup, seconds	20 - 30
4) Acid value of resin solids, mg KOH/ gm.	25 max.
5) Melting point ^o C by capillary method	125 - 145
Melting point ^o C by ball & ring method	145 - 165
6) Colour gardner of viscosity solution	12 max.

SOLUBILITY :

Blumer PB-260/R LV is fully soluble in aliphatic hydrocarbons like M.T.O, aromatic hydrocarbons like toluene & xylene, higher alcohols, ketones and esters and is not soluble in lower alcohols and water.

COMPATIBILITY :

Blumer PB-260/R LV is compatible with stand oil, drying oils and medium & long oil alkyds..

APPLICATIONS :

Blumer PB-260/R LV is a high melting phenolic resin suitable for use with drying oils, such as tung oil and linseed oil. The most outstanding characteristics of this high melting phenolic resin is its solubility in white spirit so that cold cut varnishes made from this resin is good and the water resistance is also good. Blumer PB-260/R LV is widely used in manufacture of synthetic enamels, flow enamels, coach and deck enamels, high gloss overprint varnishes, insulating varnishes, quick drying varnishes, primers, under coats of outstanding chemical resistance coupled with very good resistance to abrasion.

FORMULATION :

Quick drying oil varnish

	kgs.
Linseed Stand Oil	33.0
Blumer PB-260/R LV	17.0
Mineral turpentine	48.3
Lead octoate 18 %	0.9
Cobalt octoate 6 %	0.3
Manganese octoate 6 %	0.5
	<u>100.0</u>

Procedure: Charge Blumer PB-260/R LV and Linseed Stand Oil (25 poise viscosity) , and heat it together to 260 - 280^o C. Hold it till required viscosity is attained. Cool to 150^o C and add mineral turpentine. Add driers next day and check % solids, viscosity and drying.

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DISCLAIMER: Above Specifications are subject to change without prior notice and company reserves the right to modify the same at any time

