



BLUEBELL POLYMERS PRIVATE LIMITED

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PRODUCT CODE: MALEIC / 03.01

BLUMER MP-285/R

TYPE : Maleic modified rosin ester.

DESCRIPTION : Spirit soluble maleic resin.

SPECIFICATIONS :

1) Appearance	Clear light yellow to brown resin in broken lumps form.
2) Density @ 25 ⁰ C.	1.03
3) Viscosity by Ford cup no. 4 at 30 ⁰ C of 50 % solution in Methylated spirit, seconds	20 - 30
4) Acid value of resin solids, mg of KOH/ gm.	175 - 225
5) Melting point ⁰ C by capillary method ⁰ C by B & R method	130 - 145 150 - 165
6) Colour gardner of viscosity solution	12 max.
7) Ethanol tolerance	Infinite

SOLUBILITY :

Blumer MP-285/R is infinitely soluble in Methylated spirit and hence can be diluted to any concentration without precipitation. It is also soluble in higher alcohols such as iso and n-Propanol, n-Butanol, Cellosolve and partially soluble in Methanol. Glycols such as Diethylene Glycol and Propylene Glycol can also be used in small quantities as a leveling agent.

COMPATIBILITY :

Blumer MP-285/R is compatible with all grades of Nitrocellulose, Spirit soluble polyamide resin and Ketonic resins. Castor oil or blown castor oil can be used as a plastisizers.

APPLICATIONS :

Blumer MP-285/R finds applications in Paper varnishes, N.C. lacquers, Ball pen inks, Steam set inks, Petrol resistant coatings and Traffic paints for asphalt roads. Due to its complex molecular structure, it gives excellent gloss, non-yellowing properties with minimum penetration when used as over-print varnishes.

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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

MATERIAL SAFETY DATA :

Product name	Blumer MP-285/R
Flash point ° C. (Abel closed cup)	Above 200
Flammability	Combustible.
Toxicity	Virtually non toxic.
Handling	Keep away from sources of ignition, provide all electric connections of flame-proof design. Wear safety glasses, rubber gloves and protective clothings.
Emergency treatment and measures	
1 Hygienic precautions	Adequate ventilations.
2 Hygienic treatments (First Aid)	Flush eyes thoroughly with water. Apply ophthalmic cortisone for conjunctivitis and keratities. Wash out contaminated skin with soap and water. Gastric lavage (stomach wash), if swallowed, followed by saline catharsis.
3 Fire precautions (in case of outbreaks)	Use dry chemical or carbon dioxide. Water spray may help to keep containers cool, to dilute leaked resins and to diffuse vapours.
Spills and leakage	Absorb liquid materials in sand and collect solid material and burn under hood in incinerator.
Disposal and waste treatment	Spray into furnace under controlled conditions.

STORAGE:

Blumer MP-285/R should be stored in cool place under shade. The properties are so adjusted to have storage stability of minimum 6 months.

PACKING:

35 Kgs. net HDPE bags.

DISCLAIMER:

Information in this literature is to the best of our knowledge true and accurate. However, since conditions under which our products may be used are beyond our control, recommendations are made without warranty or guarantee.

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