



# BLUEBELL POLYMERS PRIVATE LIMITED

Factory: Block No. 131, Bileshwarpura, Taluka Kalol, Dist. Gandhinagar - 382 729,  
Gujarat (INDIA) Phone: 91 - 2764 - 233917, 233918, 233936, 233944

**PRODUCT CODE : MALEIC / 03.05**

**BLUMER MG-2100/R**

**TYPE :** Maleic modified rosin ester.

**DESCRIPTION :** NC compatible glycerol based maleic resin.

**SPECIFICATIONS :**

1) Appearance	Clear light yellow to brown resin in broken lumps form.
2) Density @ 25 <sup>0</sup> C.	1.02
3) Viscosity by Ford cup no. 4 at 30 <sup>0</sup> C of 50 % solution in Toluene, seconds	20 – 30
4) Acid value of resin solids, mg. KOH/ gm.	30 - 50
5) Melting point <sup>0</sup> C by capillary method <sup>0</sup> C by B & R method	125 - 135 145 - 155
6) Colour gardner of viscosity solution	12 max.

**SOLUBILITY :**

Blumer MG-2100/R is fully soluble in aromatic hydrocarbons like Toluene and Xylene and is partly soluble in n-Butanol, Cellosolve and Mineral turpentine. It is not soluble in lower alcohols.

**COMPATIBILITY :**

Blumer MG-2100/R is compatible with 30/40 and ½ second Nitrocellulose, drying oils and stand oils.

**APPLICATIONS :**

Blumer MG-2100/R is very pale, hard NC compatible maleic resin characterized by rapid drying and through hardening and very high resistance to light. It is widely used for quick drying oil or alkyd based white paints for interior and exterior use and for most pale coloured finishes on similar bases. Owing to its good heat resistance and colour retention it is also suitable for various stoving combinations e.g. stamping enamels, silver enamels, pale crackle finishes and finishes exposed to heat such as radiator enamels, etc. It also finds application in printing inks, silver stoving varnishes, hammertone finishes and sanding sealers.

In the field of NC lacquers, it is used for the production of outstanding polishing, buffing and sanding varnishes in the furniture and wood work industries.

It is also used for various metal coatings and plays important part in the production of NC lacquers for motor cars, especially in combination with the non-drying alkyd resins.

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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 MG-2100/R
Flash point ° C. (Abel closed cup)	Above 200
Flammability	Combustible.
Toxicity	Virtually non toxic.
Handling	Keep away from sources of ignition, provide all electricconnections 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 MG-2100/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.

**Issue date: May 2016**

**Riv-05**