I-MARV
Technical bulletin

Grade I-MARV P-140

Description Hydrogenated petroleum resin

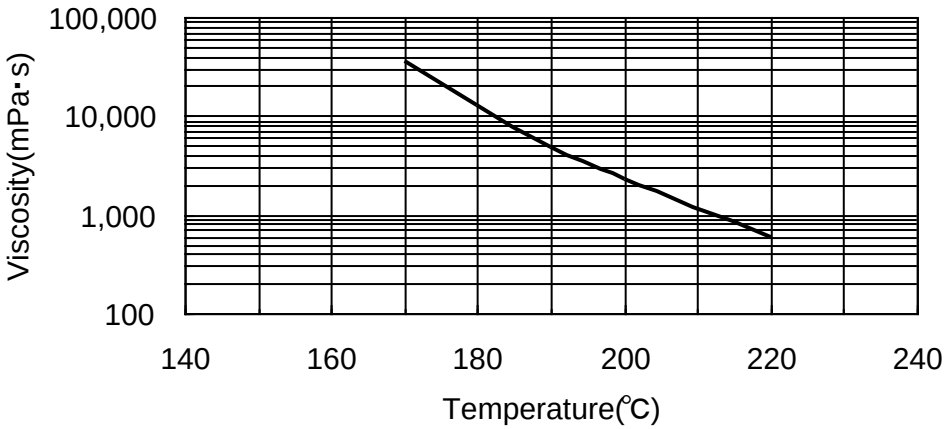
Features I-MARV P-140 is a colorless and transparent hydrogenated petroleum resin with excellent heat and low-temperature resistance and well-balanced adhesive characteristic.

- Colorless, transparent, and odorless
- Superb low-temperature and heat resistance properties
- Excellent thermal stability and weatherproofing
- Excellent compatibility for various base resins and elastomers

Properties

Viscosity Brookfield (JAI 7-1999)

Typical Viscosity Curve



Softening Point Ring and Ball method (JAI 7-1999)
135 – 145℃

Typical Density JIS K0061
1.03g/cm^3 (at 20℃)

Glass-transition Temperature JIS K7121
81℃

I-MARV P-140

Application

- Tackifier for hot melt adhesives
- Tackifier for pressure sensitive adhesives
- Polyolefin resin modifier
- Rubber compounding ingredient

Storage

Store in a dry place away from moisture, excessive heat and sources of ignition.

Handling

Static charges can accumulate during shipping, unloading, pouring, or conveying. To avoid explosion ground and bond container and receiving equipment (and ground personnel) before transferring material.

Shut off all gas pilot and electrical igniter and other sources of ignition during use in open space.

Prevent contact with skin and eyes. Use good industrial hygiene practices.

Employ venting and explosion relief provisions in accordance with accepted engineering practices.

＊Data in this material shows sample figures measured under certain specific conditions.
＊Usage of products in this material does not warrant the successful results of applications of the product for specific usage.
＊In case of product being used for purpose and usage introduced in this material, please pay attention to industrial property rights of third party which may relate to such use.
＊In case of the product being used for medical device, please consult with the manufacturer before such use.
＊Please note that the content of this material may be altered from time to time according to improvement of products without prior notice.
＊Figures of physical characteristics of other resins than the products have been referred from other catalogues and sources thereof.
＊Flammability rating in this Catalogue is not intend to reflect hazards presented by this or any other material under actual fire conditions.

Manufacturer：Idemitsu Formosa Specialty Chemicals Corp.