

# I-MARV™

## Technical bulletin

### Grade I-MARV™ S-110

**Description** Partially Hydrogenated Hydrocarbon resin

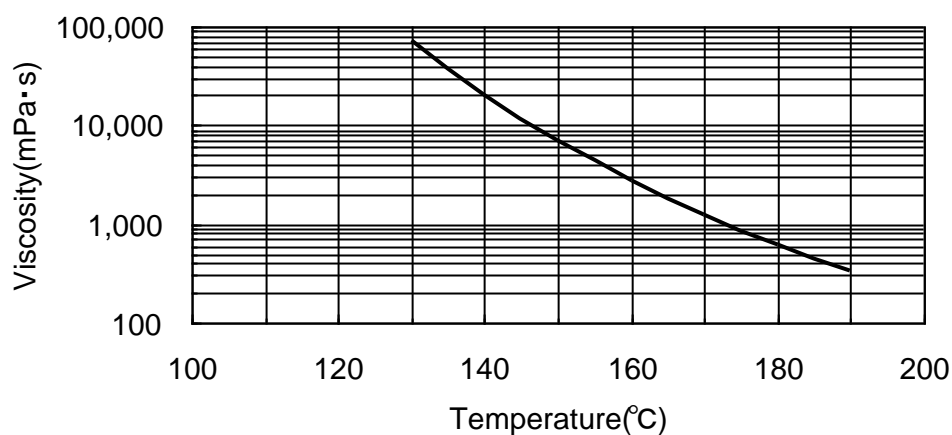
**Features** I-MARV™ S-110 is a colorless and transparent partially Hydrogenated Hydrocarbon resin with excellent heat and low-temperature resistance and well-balanced adhesive characteristic.

- 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)  
105 – 115°C

**Typical Density** JIS K0061  
1.05g/cm<sup>3</sup> (at 20°C)

**Glass-transition Temperature** JIS K7121  
56°C

## I-MARV™ S-110

<b>Application</b>	<ul style="list-style-type: none"><li>• Tackifier for hot melt adhesives</li><li>• Tackifier for pressure sensitive adhesives</li></ul>
<b>Storage</b>	Store in a dry place away from moisture, excessive heat and sources of ignition.
<b>Handling</b>	<p>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.</p> <p>Shut off all gas pilot and electrical igniter and other sources of ignition during use in open space.</p> <p>Prevent contact with skin and eyes. Use good industrial hygiene practices.</p> <p>Employ venting and explosion relief provisions in accordance with accepted engineering practices.</p>

- \* 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.

Supplier : Idemitsu Kosan Co., Ltd. Advanced Materials Company,  
Advanced materials & Performance Chemicals Dept.,