

Technical data sheet : MK-115

1.Description

MKOREZ[®] MK-115 is made from highly purified monomers such as styrene and/or alpha methyl styrene. This pureness of raw materials enables resins to have both water white color and higher aromaticity than conventional hydrogenated resins.

Good heat stability and excellent performance as modifier in adhesive compounds based on SBCs. (SIS, SBS, or SEBS etc)

Can be also used as additive in other kinds of adhesive or various elastomeric compounds as well.

2.Product specifications

• Softening Point (Ring & Ball, °C)	110-120	ASTM E 28
• Color (50% Toluene Solution, HAZEN)	Max.30	ASTM D 1209

3.Typical properties

• Softening Point (Ring & Ball, °C)	112-118	ASTM E 28
• Glass transition temperature (T _g , °C)	65	DSC
• Color (50% Toluene Solution, HAZEN)	10-13	ASTM D 1209
• Melt Viscosity BRF, @160°C, cps	6,400	ASTM D 3236
BRF, @180°C, cps	1,400	
• Molecular Weight Mw	1,600-2,100	G.P.C

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4. Packaging & Storage

- **Packaging**

Available both in multi-ply paper bags of 25kgs net weight and in big bags.

- **Storage**

Pelletized forms of resins may lump.

It is recommended,

- to store indoor with cool temperature and low humidity

(In case of softening point over 100°C, max 30°C / In case of softening point below 100°C, max 25°C)

- not to overly stack the materials
- to avoid sunlight

Especially, low softening point resins (below 100°C) have a higher possibility of blocking.

Therefore, we strongly recommend to store in more strict conditions.

5. Shelf life

The shelf life can be affected by storing and handling conditions. When products are stored in the original unopened container in an enclosed area and protected from contamination, moisture and extreme

temperatures, the shelf life of MKOREZ® MK-115 is two years from the date of manufacture.

Shelf life is a guide, not an absolute value. Therefore, the product should be re-evaluated for properties at the end of its shelf life to see if it meets specification requirement for use.

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