

# SUKOREZ<sup>®</sup>

KOLON INDUSTRIES

**SU**per performance **KO**lon's **REZ(s)**in Water white Resins

## Technical data sheet : SU-640

### 1.Description

**SUKOREZ<sup>®</sup> SU-640** is water white cycloaliphatic hydrocarbon resin. The major usage are a modifier in blends with polymers for filmic application and tackifier for EVA, SIS, SEBS block copolymers, metallo-cene polyolefins and APAO.

### 2.Product specifications

• Softening Point (Ring & Ball, °C)	134-142	ASTM E 28
• Color (50% Toluene Solution, HAZEN)	Max.30	ASTM D 1209

### 3.Typical properties

• Specific Gravity (20/20°C)	1.08	ASTM D 71
• Softening Point (Ring & Ball, °C)	136	ASTM E 28
• Color (50% Toluene Solution, HAZEN)	15	ASTM D 1209
• Acid Value (KOH mg/g)	0.04	ASTM D 974
• Melt Viscosity BRF, @180°C, cps	3,100	
BRF, @200°C, cps	630	
• Molecular Weight (GPC, Mw)	550	G.P.C

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### 4.Packaging & Storage

#### •Packaging

available both in big bags of 500kgs net weight and in multi-ply paper bags of 25kgs net weight.

**•Storage**

Pelletized forms of resins may block or lump. It is recommended,

- to store inside and keep cool condition  
(30°C max / resin with softening point below 100°C - 25°C .max)
- not stacking pallets
- to avoid sunlight

Especially, low softening point resins (below 100°C) has a higher possibility of blocking due to the nature of product. Therefore, we strongly recommend that keep storing in more strict conditions.

**5. Shelf life**

The shelf life can be affected by storage 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 *SUKOREZ®* is *two years from the date of manufacture*.  
*Shelf life is a guide not an absolute value*, and KOLON doesn't control end uses and storage conditions at customers. Therefore, *the product should be reanalyzed for properties at the end of its shelf life to see if it meets specification for use.*

**6. Regulatory status**

**SUKOREZ® SU-640** is in compliance with the requirements of the U.S FDA for following sections.

- |          |   |
|----------|---|
| 175.105  | Adhesives   |
| 175.125  | Pressure sensitive adhesives  |
| 175.300  | Resinous and polymeric coatings   |
| 175.320  | Resinous and polymeric coatings for poly olefin films                       |
| 176.170  | Components of paper and paperboard in contact with aqueous and fatty foods. |
| 176.180  | Components of paper and paperboard in contact with dry food                 |
| 177.1210 | Closures with sealing gaskets for food containers                           |
| 177.1520 | Olefin polymers   |
| 177.2600 | Rubber articles intended for repeated use                                   |

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