

SUKOREZ[®]

KOLON INDUSTRIES

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

Technical data sheet : SU-500

1.Description

SUKOREZ[®] SU-500 is water white cycloaliphatic hydrocarbon resin. The major usage is a tackifier for EVA, SIS, SEBS block copolymers, metallocene polyolefins and APAO.

2.Product specifications

• Softening Point (Ring & Ball, °C)	97-106	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)	100	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, @160°C, cps	680	
BRF, @180°C, cps	190	
• Molecular Weight (GPC, Mw)	540	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-500 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

Contact

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