



TERPERES – SA 85

TECHNICAL DATA SHEET

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Product - Trade Name

TERPERES – SA 85

Application

- Rubber – Tire manufacturing
- Paper – Packaging & Book binding
- Nonwovens
- Woodworking

Classification

Poly (Alpha-Methyl Styrene) Resin (PAMS)

Physical properties

Form : Pastille / Flakes
Color : Water white
Sp. Gr. @ 25°C : 1.00 – 1.20
Glass Transition Temp. (°C) : 35 - 45

Compatibility

- Styrene phase of SBCs
- Paraffin, Micro Crystalline, Polyethylene & Fischer-Tropic Waxes.
- EVAs when blended with other resins like rosin esters or AMS phenolic.

Chemical properties

Softening Point (°C) : 85 ± 5
(Ring & Ball 5°C/min)
Ash Content (750°C/1 hr) (%) : 0.10 max
Loss on Heating (105°C/1 hr) (%) : 3% max

Handling & Storage

Need to store in tight containers away from heat and humidity.

Solubility

TERPERES – SA 85 is fully soluble in:

- Aromatic Solvent like Toluene
- Ketones and esters like acetone

Insoluble in Aliphatic Solvent & Alcohol

Packaging

25 kg in HDPE laminated paper bag.

Shelf Life

Stable for 6 months from the date of manufacturing.

Advantages

Aromatic hydrocarbon resin with superior oxidative stability.
Heat Resistance
Rubber Processing
Improves Strength

Note:

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