



TERPERES® – SA85

TECHNICAL DATA SHEET

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Product - Trade Name

TERPERES® – SA85

Classification

Poly (Alpha-Methyl Styrene) Resin (PAMS)

Physical properties:

Parameter	Specification
Physical Form	Pastilles / Flakes
Colour	White to off white

Chemical Properties:

Parameter	Specification	Test Method
Sp. gravity@25°C	1.10±0.05	D1817
Loss on Heating, 1 Hr.@105°C), (%)	1.0 Max	D4571
Ash Content, % (1 Hr.@750°C), (%)	0.10 Max	D4574
Softening Point, (R&B,5°C/min), (°C)	85±5	D6493
Glass Transition Temp (°C)	38±5	D6604

Solubility

TERPERES® - SA85 is

- Soluble in aromatic solvents like Toluene Ketones and esters like acetone.
- Insoluble in aliphatic solvents and Alcohol.

Advantages

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

Application

- Rubber – Tire manufacturing
- Paper – Packaging & Book binding
- Non-woven

Compatibility

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

Handling & Storage

The resin pastilles may lump.

Recommendations:

- Store and transport in cool and dry environment (preferably below 20°C).
- Avoid direct sunlight (or any direct heat source)
- Not to overly stack the resin, to avoid compaction, leading to lump formation.

Packaging

25 kg Carton/500 kg Jumbo bag in Gaylord packaging.

Shelf Life

Stable for 12 months from the date of manufacturing under recommended storage condition (in the original unopened container in an enclosed area and protected from contamination, moisture and extreme temperatures)

REACH Compliance:

Material is meeting the REACH compliance.

Note:

Information in this publication is believed to be accurate and is given in good faith, but it is for the customer to satisfy itself of the suitability for its own particular purpose. RCPL gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that law prevents such exclusion.

RAJSHA CHEMICALS PRIVATE LIMITED

Plant:

Block No.: 637&634P, Lamdapura Road, At. Manjusar
PO: Lamdapura, Ta: Savli, Dist. Vadodara 391 775, India
Tel – +91 9662049271
Email – office@rajsha.com

TWC Group, Corporate Office:

Hi Tech Chambers, 5th Floor, 84/1B Topsia Road(S)
Kolkata 700 046, India
Tel – +91 33 2285 1278 / 1279. Fax - +91 33 2285 1280
E mail – info@twc.in, W:www.twc.in