

Terperes SA85 (Provisional)

Manufacturer: Techno Waxchem PVT., LTD.
Classification: Resin
Chemical Composition: Poly (Alpha-Methyl Styrene) Resin (PAMS)

Specification Properties	Value	Test Method
Ash Content @ 750 °C, 1 hr., %	0.10 max	D 4574
Glass Transition Temperature, °C	38 ± 5	D 6604
Loss on Heating @ 105 °C, 1 hr., %	1.0 max	D 4571
Softening Point (R&B) 5 °C/min., °C	85 ± 5	D 6493
Specific Gravity @ 25 °C	1.10 ± 0.05	D 1817
Typical Properties	Value	Test Method
Physical Form	Light yellow pastilles/flakes	Visual

> APPLICATIONS

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

> COMPATIBILITY

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

> SOLUBILITY

- 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

> PACKAGING AND STORAGE

Packaging: 25 kg (55.1 lb.) cartons.

Shelf Life: 1 year from date of manufacture if stored as indicated below.

Storage: Store in unopened original packages in a cool dry place.

Specification Date: December 1, 2022