



TERPERES® SA100

TECHNICAL DATA SHEET

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001/001

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Product - Trade Name

TERPERES®SA100

Classification

Poly (Alpha-Methyl Styrene) Resin (PAMS)

Physical properties:

Parameter	Specification
Physical Form	Pastilles / Flakes
Colour	Colourless

Chemical Properties:

Parameter	Specification	Test Method
Sp. Gravity @25 °C	1.03±0.05	D1817
Loss on Heating (@105°C, 1Hr.), %	1.0 Max.	D4571
Ash Content (@ 750 °C, 1Hr.), %	0.1 Max.	D4574
Softening Point, °C (Ring & Ball 5 °C/min)	95-105	D6493
Glass Transition Temperature, °C	44-50	D6604

Solubility

TERPERES® – SA100 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
- Woodworking

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

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

Packaging

25 kg in Carton packing.

Shelf Life

Stable for 12 months from the date of manufacturing.

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.

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