



# TERPERES® TP 115

## TECHNICAL DATA SHEET

**Issue/Revision No**  
**001/02**

**Revision Date**  
**01.12.2025**

### Product - Trade Name

TERPERES® TP 115

### Classification

Terpene Phenolic Resin

### Physical properties

Parameter	Specification
Physical Form	Pastilles / Flakes
Colour	Yellow to dark brownish

### Chemical Properties:

Parameter	Specification	Test Method (ASTM/RCPL)
Specific Gravity @25 °C	1.00±0.05	D1817
Softening Point (Ring & Ball 5° C/min ), °C	115±5	D6493 / T-23
Glass Transition Temperature, °C	53-63	D6604

### Solubility

TERPERES® TP115 has wide range of solubility. It is soluble in aliphatic and aromatic solvents (i.e., Hexane, Toluene), in esters and ketone (i.e., Ethyl Acetate and Acetone), in longer chain alcohols (i.e., Butanol, Pentanol), etc. It is insoluble in small chain alcohols like Ethanol.

### Advantage

- Good compatibility with other resins & elastomers.
- Good heat resistance /Hot tack
- Better specific adhesion strength

### Application

- Automobile tires
- Chloroprene & Hot Melt adhesives
- Pressure sensitive adhesives

### Compatibility

TERPERES® TP115 is light coloured thermoplastic resin based on phenol and terpene composition and is compatible with various kind of elastomers, resins, and waxes. It's also compatible with several polar / non-polar solvent (soluble in various kinds of solvents).

### Handling & Storage

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

### Packaging

25 kg in HDPE laminated paper bag / carboard cartons.

### Shelf Life

Stable for 12 months from the date of manufacturing.

### REACH Compliance:

Complies with REACH norms.

### 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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