



TECHNICAL DATA SHEET

Neville Chemical Company
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NEVTAC® 100

PRODUCT DESCRIPTION

NEVTAC® 100 is a thermoplastic low molecular weight, C5 aliphatic hydrocarbon resin produced by catalytic polymerization of mixed petroleum derived C5 olefin and diolefin feedstocks.

APPLICATIONS / END USES

- Hot Melt Adhesives
- Hot Melt Pressure Sensitive Adhesives
- Tackifier and Processing Aid for Tire and Rubber Compounds
- Aliphatic Elastomeric Sealants
- Water Resistant Coatings for Wood Applications
- Investment Casting Wax Modifier
- Asphalt Modification
- Thermoplastic Road Marking Paints (TRMP)

ATTRIBUTES / BENEFITS

- Excellent Compatibility with EVA Copolymers (<33% VA content)
- Great Tackifier for EVA and Polyolefin Based Adhesive Polymers
- Excellent Mid Block Tackifier for Styrenic Block Copolymers
- Builds Tack in Natural and Other Aliphatic Elastomer Compounds
- Compatible With Many Waxes
- Good Thermal and UV Stability
- Hydrophobic
- Resistant to Acids and Alkalis
- Light Color, Low Odor and Low VOC

PROPERTIES

Property	Test Method	Typical Value	Specifications
Softening Point, R&B °C	ASTM E28	100	100 ± 5
Gardner Color (50% in 100 Solvent)	ASTM D1544	3.5	6 Max
Specific Gravity @ 25°C	ASTM D71	0.97	N/A
Viscosity Brookfield cps. 150°C 175°C 200°C	ASTM D3236	2,270 430 130	N/A
Molecular Weight Mn Mw	ASTM D5296	1,150 2,800	N/A
Appearance	Visual	Clear Pale Yellow	N/A

PACKAGING: NEVTAC® 100 Resin is shipped in 50 lb. (22.7 kg.) bags.

FDA STATUS: NEVTAC® 100 Resin is an approved substance as defined by the following United States Food and Drug Administration regulations:

- 175.105 Adhesives
- 177.2600 Rubber Articles Intended for Repeated Use
- 178.3800 Preservatives for wood

The formulator must comply with all other requirements of the FDA regulations, including conditions of use and extractive tolerances of the total compound or formula.

Revised: November 18, 2019