TECHNICAL DATA SHEET

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

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

PACKAGING: NEVTAC® 100 Resin is shipped in pastille form 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: January 3, 2019