LESTAC-R100
Aliphatic C5 Hydrocarbon Resin

LESTAC-R100 is thermoplastic, low molecular weight, pale yellow aliphatic resin obtained from mainly polymerizing unsaturated aliphatic 1,3-pentadiene (1,3-piperlene) and some monomers derived from the process of thermal cracking of naphtha. With superior tackifying processability and good affinity with a wide range of fillers such as titanium pigment and glass bead, quartz sand, PE wax, etc. it's specially designed to be binder in thermoplastic road-marking paint application.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
<th>ASTM Reference</th>
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</thead>
<tbody>
<tr>
<td>Softening Point (Ring &amp; Ball, °C)</td>
<td>95-105</td>
<td>E 28</td>
</tr>
<tr>
<td>Color (50% Resin Solid in tulene, Ga. #)</td>
<td>≤5#</td>
<td>D 1544</td>
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<tr>
<td>Acid Value (KOHmg/g)</td>
<td>≤1.0</td>
<td>D 974</td>
</tr>
<tr>
<td>Melt Viscosity (BRF, @200°C, cps)</td>
<td>≤220</td>
<td>D 3236</td>
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<tr>
<td>Specific Gravity (20/20°C)</td>
<td>0.93-0.99</td>
<td>D 71</td>
</tr>
<tr>
<td>Bromine Number (Br.cg/g)</td>
<td>≤45</td>
<td>D 1159</td>
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</tbody>
</table>

* Actual date will be reported on Certificate of Analysis

**KEY PROPERTIES**

- Light color and Slightly odor
- Excellent affinity with wide range of fillers
- Good flowability in RMP
- Low Molecular weight and Low volatility
- High transparency and High antifriction
- Weather resistance and Anti-staining
- Strong adhesion and Quick dryness

**PACKING**

25kgs/paper bag, Woven-plastic, big bags: 500kgs, 600kgs, 750kgs, 1000kgs

**STORAGE**

Palletized forms of resins may block or lump in hot weather climates or if stored near heat sources. Inside storage is recommended and keep at temperature not exceeding 25°C.

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(1) These provisional specifications refer to the developmental grade in its version of above date. Pending further development or manufacturing date, these provisional specifications are subject to change. Give the developmental nature of this product, Lesco Chemical Limited cannot guarantee the ultimate commercial production of this grade.

(2) No representation, warranty (expressed or implied, of merchantability, fitness or otherwise) or guarantee is made as to the suitability or fitness for use of the product in the customer's specific application. It's the user's responsibility to confirm the suitability and fitness for use of the product. Specifications are pursuant to Lesco Chemical's sampling and testing procedures in effect at the time of production. Analysis may be performed on representative samples and not the actual product shipped.