HYDROGENATED ROSIN ESTER

Property & Usage

SumRez™ Hydrogenated Rosin Ester is the glycerol ester of highly hydrogenated refined gum rosin. It is an exceptionally pale thermoplastic resin that has outstanding resistance to oxidation and to discoloration caused by heat and aging. Used as a tackifier resin in various types of adhesives, and in protective and barrier type coatings that require an exceptional degree of color retention and oxidation resistance.

Usage as tackifier resin in PSA adhesives for tapes, labels, medical appliances, and specialty application and in lamination of metal foil, paper, cloth, cellophane, and cellulose acetate films.

Technical Data Sheet (TDS-3900)

<table>
<thead>
<tr>
<th>HYDROGENATED ROSIN ESTER</th>
<th>H85</th>
<th>H100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>granular or piece</td>
<td>granular or piece</td>
</tr>
<tr>
<td>Color (Gardner)</td>
<td>3 - 6</td>
<td>3 - 6</td>
</tr>
<tr>
<td>Softening point (R&amp;B, deg C)</td>
<td>85 +/- 3</td>
<td>100 +/- 3</td>
</tr>
<tr>
<td>Acid value (mgKOH/g)</td>
<td>10 max.</td>
<td>20 max.</td>
</tr>
<tr>
<td>Solubility (1:1 with benzol)</td>
<td>clear</td>
<td>clear</td>
</tr>
<tr>
<td>Specific gravity (25 deg C)</td>
<td>1.06 - 1.09</td>
<td>1.06 - 1.09</td>
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</tbody>
</table>

Package & Notes

Package
25kg net kraft polybag
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20'FCL load
17.5mt (700bags)
16mt (640bags)-pallet

Structural - C_{36}H_{80}O_{32}W_{99}

CAS Number
65997-13-9

EC# (EINECS#)
232-476-2

HS Code
38069000.90

Standard
industry standard

Storage
In cool place, avoid fire and high temperature. (IMPORTANT NOTICE: resin may fuse & lump each other due to hot weather climates, direct sunlight, near steam pipes, prolonged & stack storage, etc.)