Technical Data Sheet
Ketone Resin 550
Polyketone Resin

Description
KETONE RESIN 550 is a polyketone resin based on cyclohexanone and formaldehyde. (CAS Number: 25054-06-2)

Properties
KETONE RESIN 550 is soluble in solvents like toluene, alcohols, ketones, esters, glycols and chlorinated hydrocarbons

Typical Applications
KETONE RESIN 550 is widely used in coatings, printing inks and in polyurethane resins

Technical Data

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>TYPICAL VALUE</th>
<th>TEST METHOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Appearance</td>
<td>Flakes</td>
<td>Visual</td>
</tr>
<tr>
<td>Hydroxyl Value (mg KOH/g)</td>
<td>205</td>
<td>DIN 53240-2:1998</td>
</tr>
<tr>
<td>Softening Point (°C)</td>
<td>95</td>
<td>ISO 4625-1:2004</td>
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<tr>
<td>Colour Gardner (50% toluene)</td>
<td>Max. 1</td>
<td>ISO 4630-1:2004</td>
</tr>
<tr>
<td>Water content (%)</td>
<td>Max. 0.5</td>
<td>ISO 15512:2014</td>
</tr>
<tr>
<td>Acid value (mg KOH/g)</td>
<td>Max. 0.5</td>
<td>ISO 2114:2000</td>
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</tbody>
</table>

* slight variations in colour may occur but this will not affect the product performance

Packaging
Paper bags 25 KG (40 bags per pallet of 1000 KG)
Big-bags 500 KG (2 bags per pallet of 1000 KG)

Storage Conditions
Keep cool and dry

Safety Requirements
KETONE RESIN 550 is not classified as dangerous according to ADR
Always ensure that all health and safety procedures are in accordance with local and national Government requirements

Any technical recommendations given by us whether orally or in writing are not binding on us, also with regard to any rights of third parties. Prospective users should conduct their own trials to determine whether our products are suitable for the intended purpose. Our liability is governed by our general conditions of sale.

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