LG PVC PB1202
Paste Resin

Product Information

General Description

LG Chem PB1202 is a poly vinyl chloride homopolymer suitable for low viscosity plastisol processing.

Main Applications

- Artificial leather compact layer
- Artificial leather foam layer
- Flooring foam layer

Advantages

✓ Low viscosity & Good storage stability of plastisols
✓ High filler acceptance

Resin Properties

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Test Method</th>
<th>Unit</th>
<th>Test Condition</th>
<th>Typical Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>K-Value</td>
<td>ISO 1628-2</td>
<td>-</td>
<td></td>
<td>66 ± 1</td>
</tr>
<tr>
<td>Degree of Polymerization</td>
<td>JIS K 6720-2</td>
<td>-</td>
<td>30 °C</td>
<td>1,050 ± 50</td>
</tr>
<tr>
<td>Apparent Bulk Density</td>
<td>ASTM D1895</td>
<td>g/cm³</td>
<td></td>
<td>0.36 ± 0.02</td>
</tr>
<tr>
<td>Volatiles</td>
<td>ASTM D3030</td>
<td>%</td>
<td>110 °C, 1hr</td>
<td>Max. 0.2</td>
</tr>
<tr>
<td>B.F Viscosity</td>
<td>ASTM D1824</td>
<td>ps</td>
<td>DOP 40part,20rpm</td>
<td>250±150</td>
</tr>
<tr>
<td>S.V Viscosity</td>
<td>ASTM D1823</td>
<td>g/sec</td>
<td>DOP 40part,4bar</td>
<td>Min. 0.4</td>
</tr>
</tbody>
</table>

Packaging

Paper bag (20kg), LG Chem PVC should be stored dry and away from direct or indirect sources of heat.

Quality & Environment Certification

ISO 50001:2011 166926CC1-2014-AE-KOR-RvA
ISO 9001:2008 44570-2008-AQ-KOR-RvA
ISO 14001:2004 44611-2008-AE-KOR-RvA
OHSAS 18001:2007 44612-2008-HSO-KOR-DNV
ROHS, SVHC completed test by SGS

IMPORTANT (Updated : March, 2016)

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Paste preparations with 40, 50, 60 phr DINP. Readings were made 1 h after preparation at 25 °C with a Rheometer (TA Instruments,AR2000)