

LG PVC PE1311

Polyvinyl Chloride Homopolymer

LG Chem Ltd.

Message:

PE1311, homopolymer made by emulsion polymerization, is high-viscosity PVC resin with pseudo plastic flow property
PE1311 has an good chemical foaming with low density and fine cell

| General Information | | | |
|-----------------------------------|-------------------------|-------------------|-------------|
| Features | Foamable | | |
| | Homopolymer | | |
| Uses | Automotive Applications | | |
| | Flooring | | |
| | Foam | | |
| Forms | Paste | | |
| Processing Method | Dip Coating | | |
| Physical | Nominal Value | Unit | Test Method |
| Apparent Density | 0.31 to 0.41 | g/cm ³ | ASTM D1895 |
| K-Value | 71.0 | | ISO 1628-2 |
| Fill Analysis | Nominal Value | Unit | Test Method |
| Brookfield Viscosity ¹ | 10.0 to 60.0 | Pa·s | ASTM D1824 |
| Sever Viscosity ² | > 3000.00 | g/10 min | ASTM D3030 |
| Degree of Polymerization (30°C) | 1200 to 1300 | | JIS K6720-2 |
| Volatiles - 1 hr (110°C) | < 0.20 | % | ASTM D3030 |
| NOTE | | | |
| 1. | DOP 100 | | |
| 2. | DOP 100 | | |

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