

# LG PVC PB1202

Polyvinyl Chloride Copolymer

LG Chem Ltd.

## Message:

PB1202, homopolymer made by micro-suspension seeded polymerization, PVC Resin has a fluid property similar to Newtonian fluidity (low-viscosity) It is mainly used for non-foaming products by coating, also used for foaming products. It is wide used for products in which plasticizer is rarely added.

Main Applications:

Synthetic leather, Flooring, Wall coverings, Gloss surface layer

| General Information             |                      |                   |             |
|---------------------------------|----------------------|-------------------|-------------|
| Features                        | Homopolymer          |                   |             |
|                                 | Low Viscosity        |                   |             |
| Uses                            | Coating Applications |                   |             |
|                                 | Flooring             |                   |             |
|                                 | Foam                 |                   |             |
|                                 | Wall Panels          |                   |             |
| Physical                        | Nominal Value        | Unit              | Test Method |
| Apparent Density                | 0.31 to 0.41         | g/cm <sup>3</sup> | ASTM D1895  |
| K-Value                         | 67.0                 |                   | ISO 1628-2  |
| Viscosity                       |                      |                   |             |
| B.F                             | 5.00 to 45.0         | Pa·s              | ASTM D1824  |
| S.V                             | > 1.80               | g/10 min          | ASTM D1823  |
| Degree of Polymerization (30°C) | 1000 to 1100         |                   | JIS K6720-2 |
| Volatiles - 1 hr (110°C)        | < 0.30               | %                 | ASTM D3030  |

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