

# LG PVC PB1752

## Paste Resin



## Product Information

### General Description

LG Chem PB1752 is a poly vinyl chloride homopolymer suitable for low viscosity plastisol processing.

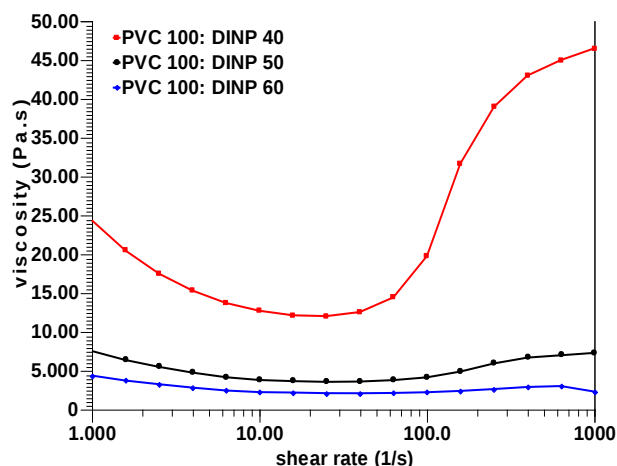
### Main Applications

- Artificial leather compact layer
- Flooring compact layer
- Technical textiles

### Advantages

- ✓ Low viscosity & Good storage stability of plastisols
- ✓ Good mechanical property

### Viscosity curves



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

### Resin Properties

| Parameter                | Test Method  | Unit              | Test Condition    | Typical Value |
|--------------------------|--------------|-------------------|-------------------|---------------|
| K-Value                  | ISO 1628-2   | -                 | -                 | 76 ± 1        |
| Degree of Polymerization | JIS K 6720-2 | -                 | 30 °C             | 1,700 ± 50    |
| Apparent Bulk Density    | ASTM D1895   | g/cm <sup>3</sup> | -                 | 0.35 ± 0.02   |
| Volatiles                | ASTM D3030   | %                 | 110 °C, 1hr       | Max. 0.2      |
| B.F Viscosity            | ASTM D1824   | ps                | DOP 40part, 20rpm | 200 ± 100     |
| S.V Viscosity            | ASTM D1823   | g/sec             | DOP 40part, 4bar  | Min. 0.3      |

### Packaging

Paper bag(20kg), Jumbo bag, 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



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