

## Product Information

### General Description

LG Chem PE1311 is a Emulsion PVC for plastisol suitable for very high viscosity plastisol processing.

### Main Applications

- Automotive UBC & sealant
- Control viscosity of plastisols (Increase viscosity)

### Advantages

- ✓ High-viscosity and pseudoplastic rheological behaviour
- ✓ Very fine particle

### Resin Properties

| Parameter                | Test Method  | Unit              | Test Condition   | Typical Value |
|--------------------------|--------------|-------------------|------------------|---------------|
| K-Value                  | ISO 1628-2   | -                 | -                | 71 ± 1        |
| Degree of Polymerization | JIS K 6720-2 | -                 | 30 °C            | 1,250 ± 50    |
| Apparent Bulk Density    | ASTM D1895   | g/cm <sup>3</sup> | -                | 0.36 ± 0.02   |
| Volatiles                | ASTM D3030   | %                 | 110 °C, 1hr      | Max. 0.2      |
| B.F Viscosity            | ASTM D1824   | ps                | DOP 90part,20rpm | 550±250       |
| S.V Viscosity            | ASTM D1823   | g/sec             | DOP 90part,4bar  | Min. 2.0      |

### 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

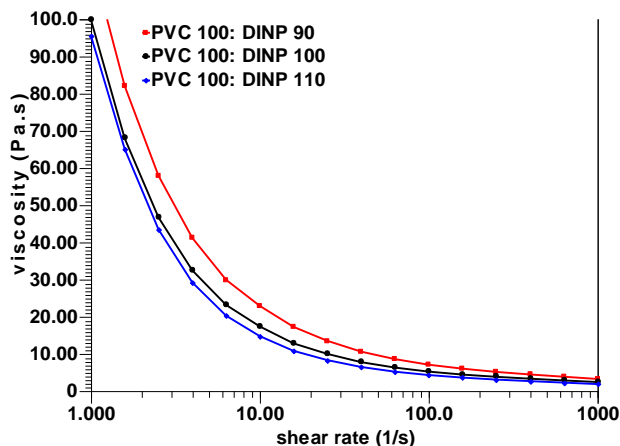
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### Viscosity curves



Paste preparations with 90, 100, 110 phr DINP. Readings were made 1 h after preparation at 25 °C with a Rheometer (TA Instruments, AR2000)

### IMPORTANT (Updated : March. 2016)

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