

LG PVC PE1311

Paste Resin



Product Information

General Description

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

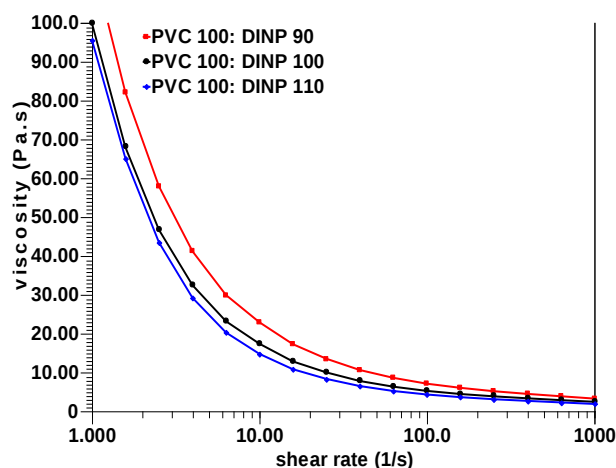
Main Applications

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

Advantages

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

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)

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 ³	-	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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IMPORTANT (Updated : March. 2016)

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