

LG PVC LK170

Paste Resin



Product Information

General Description

LG Chem LK170 is a poly vinyl chloride - vinyl acetate Copolymer dispersion resin, exhibiting fast fusion at low processing temperatures

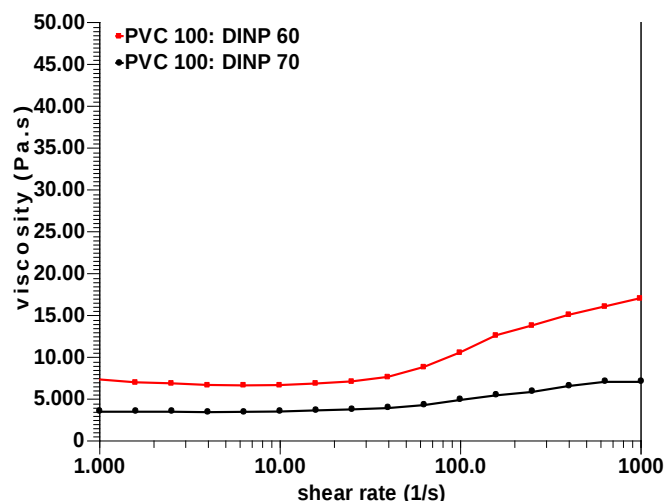
Main Applications

- Automotive UBC & sealants
- Impregnation layer (Flooring & technical textiles)
- Carpet backing
- Adhesive layer(laminating pastes)
- Coating heat-sensitive base fabrics, Adhesive layer

Advantages

- ✓ fast fusion & Good mechanical property
- ✓ Good adhesion at textiles and automotive metal sheets
- ✓ Good storage stability of plastisols

Viscosity curves



Paste preparations with 60 , 70 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	-	-	75 ± 1
Degree of Polymerization	JIS K 6720-2	-	30 °C	1,600 ± 50
Apparent Bulk Density	ASTM D1895	g/cm ³	-	0.33 ± 0.02
Volatiles	ASTM D3030	%	110 °C, 1hr	Max. 1.20
B.F Viscosity	ASTM D1824	cps	DOP 60part,6rpm	5,000±2,000
S.V Viscosity	ASTM D1823	g/sec	DOP 60part,4bar	Min. 1.0
VAC content	LG method	%		5.5 ± 1.0

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 : September. 2015)

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