

LG Chemical LGflex EBNW Plasticizer

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Features: Excellent Adhesion, Transparency, and Non-endocrine disrupter
 Application: PVC Food Package Wrap
 Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-LGflex-EBNW-Plasticizer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.991 - 0.997 g/cc	0.991 - 0.997 g/cc	
Volatiles	8.0 %	8.0 %	Loss
	@Time 3600 sec	@Time 1.00 hour	
	17.2 %	17.2 %	Loss
	@Time 7200 sec	@Time 2.00 hour	
Viscosity	18 cP	18 cP	
Molecular Weight	383 g/mol	383 g/mol	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	21.6 MPa	3130 psi	
Elongation at Break	445 %	445 %	
50% Modulus	0.00451 GPa	0.654 ksi	
100% Modulus	0.00706 GPa	1.02 ksi	

Thermal Properties	Metric	English	Comments
Melting Point	-21.0 Â°C	-5.80 Â°F	Freezing Point
Boiling Point	337 Â°C	639 Â°F	
Flash Point	220 Â°C	428 Â°F	

Chemical Properties	Metric	English	Comments
Acid Value	<= 0.20	<= 0.20	KOH mg/g
	<= 0.50	<= 0.50	After Heating, KOH mg/g

Descriptive Properties	Value	Comments
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Descriptive Properties	Value ^{APHA}	Comments
Flexible Temperature	-15 kg/cm ²	G=3.17x10 ³
Heat Loss	<1%	125Â°Cx3hr, JIS K6751

Contact Songhan Plastic Technology Co.,Ltd.

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