

LG Chemical MB802 Transparent impact modifier

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Description: MBS type transparent impact modifiers from LG Chemical is used to improve impact strength and processability of PVC products, and classified into transparent grade and low chlorosis grade by applications. Application: Transparent shrinkable film, sheet etc
Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-MB802-Transparent-impact-modifier.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.06 g/cc	1.06 g/cc	
Bulk Density	>= 0.320 g/cc	>= 0.0116 lb/in ³	Aerated; LSY-QB-KD019
Volatiles	<= 1.0 %	<= 1.0 %	ISO 1625
Particle Mesh Size	20 Mesh	20 Mesh	<3%, (mesh on); LSY-QB-KD024
	200 Mesh	200 Mesh	<20%, (mesh pass); LSY-QB-KD025

Mechanical Properties	Metric	English	Comments
Izod Impact, Unnotched	>= 6.86 J/cm @Temperature 23.0 Â°C	>= 12.9 ft-lb/in @Temperature 73.4 Â°F	ISO 180
	>= 6.86 J/cm @Temperature 0.000 Â°C	>= 12.9 ft-lb/in @Temperature 32.0 Â°F	ISO 180
Impact	>= 70	>= 70	Rotary; LSY-QB-KD023

Thermal Properties	Metric	English	Comments
Melting Point	132 - 149 Â°C	270 - 300 Â°F	
Flash Point	400 Â°C	752 Â°F	

Optical Properties	Metric	English	Comments
Haze	<= 20 %	<= 20 %	LSY-QB-KD016
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

Descriptive Properties	Value	Comments
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Dynamic thermal stability Descriptive Properties	<15 Value	LSY-QB-KD007 Comments
Foreign Material	<3 (10 x 10 cm)	LSY-QB-KD005
Fusion time	40-60 sec	ISO 1830-6

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