

Evonik Corporation POLYVEST® EP-OC 1200 S Polybutadiene

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

POLYVEST EP-OC 1200 S is a maleic anhydride adduct of a low molecular weight cis-1.4-polybutadiene. This polybutadiene adduct has succinic anhydride groups randomly distributed along the polymer chains. This makes the originally apolar polybutadiene more polar and thus accessible for various chemical reactions.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Evonik-Corporation-POLYVEST-EP-OC-1200-S-Polybutadiene.php

Physical Properties	Metric	English	Comments
Density	0.970 g/cc @Temperature 20.0 °C	0.0350 lb/in ³ @Temperature 68.0 °F	DIN 51 757
Iodine Absorption Number	380 - 420	380 - 420	g of Iod/ 100g; DIN 53 241
Viscosity	61000 cP @Temperature 20.0 °C	61000 cP @Temperature 68.0 °F	DIN EN ISO 3219
Molecular Weight	2500 g/mol	2500 g/mol	GPC

Thermal Properties	Metric	English	Comments
Pour Point	-1.00 °C	30.2 °F	DIN ISO 3016
Flash Point	>= 300 °C	>= 572 °F	DIN EN ISO 2719

Optical Properties	Metric	English	Comments
Gardner Color Number	<= 2.5	<= 2.5	DIN ISO 4630

Chemical Properties	Metric	English	Comments
Total Acid Number	130	130	DIN EN ISO 2114

Descriptive Properties	Value	Comments
Ignition Temperature (°C)	355	DIN 51 794

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