

PolyOne Synplast™ DOZ-E Di (2-ethylhexyl) Azelate

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Branched C8 azelate ester with antioxidant Contains 0.10-0.15 wt% 1,1,3-Tris (2-methyl-4hydroxy-5-t-butyl phenyl) butane antioxidant Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Synplast-DOZ-E-Di-2-ethylhexyl-Azelate.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 - 0.916 g/cc	0.910 - 0.916 g/cc	ASTM D4052
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Kinematic Viscosity	17 cSt	17 cSt	ASTM D445
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Kinematic Viscosity at 40°C (104°F)	10.3 cSt	10.3 cSt	ASTM D445
	@Temperature 40.0 °C	@Temperature 104 °F	
Kinematic Viscosity at 100°C (212°F)	2.9 cSt	2.9 cSt	ASTM D445
	@Temperature 100 °C	@Temperature 212 °F	
Molecular Weight	413 g/mol	413 g/mol	Theoretical
ASTM Color	500	500	Pt-Co Scale, Maximum; ASTM D1209

Thermal Properties	Metric	English	Comments
Pour Point	-78.0 °C	-108 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.45	1.45	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Chemical Properties	Metric	English	Comments
Total Acid Number	<= 0.35	<= 0.35	[mg KOH/g]; ASTM D1045

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.10 %	<= 0.10 %	ASTM D1533

Descriptive Properties	Value	Comments
------------------------	-------	----------

Appearance Descriptive Properties	Clear, clean Value	ASTM D2090 Comments
	Clear/Transparent	
Ester Content	99%	ASTM D3465; Minimum
Forms	Liquid	
Generic Material	Di (2-ethylhexyl) Azelate	
Generic Name	Di (2-ethylhexyl) Azelate	
Processing Method	Compounding	
Regional Availability	North America	
Uses	Appliance Components	
	Appliances	
	Cable Jacketing	
	Gaskets	
	Wire & Cable Applications	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China