

PolyOne Synplast™ TINTM-E Triisononyl Trimellitate

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Branched C9 trimellitate esterContains 0.10-0.15 wt% 1,1,3-Tris (2-methyl-4hydroxy-5-t-butyl phenyl) butane antioxidantInformation provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Synplast-TINTM-E-Triisononyl-Trimellitate.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.971 - 0.981 g/cc	0.971 - 0.981 g/cc	ASTM D4052
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Kinematic Viscosity	330 cSt	330 cSt	ASTM D445
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Kinematic Viscosity at 40°C (104°F)	126 cSt	126 cSt	ASTM D445
	@Temperature 40.0 °C	@Temperature 104 °F	
Kinematic Viscosity at 100°C (212°F)	11.9 cSt	11.9 cSt	ASTM D445
	@Temperature 100 °C	@Temperature 212 °F	
Molecular Weight	589 g/mol	589 g/mol	Theoretical
ASTM Color	100	100	Pt-Co Scale, Maximum; ASTM D1209

Thermal Properties	Metric	English	Comments
Pour Point	-40.0 °C	-40.0 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.48	1.48	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Chemical Properties	Metric	English	Comments
Acid Value	<= 0.020	<= 0.020	wt% as TMA; ASTM D1045

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

Descriptive Properties	Value	Comments
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Appearance Descriptive Properties	Clear, clean Value	ASTM D2090 Comments
	Clear/Transparent	
Ester Content	99%	ASTM D3465; Minimum
Forms	Liquid	
Generic Material	Triisononyl Trimellitate	
Generic Name	Triisononyl Trimellitate	
Processing Method	Compounding	
Regional Availability	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Cable Jacketing	
	Insulation	
	Wire & Cable Applications	

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