

## PolyOne Synplast™ TOTM-E Tri (2-ethylhexyl) Trimellitate

Category : Other Engineering Material , Additive/Filler for Polymer

### Material Notes:

Branched C8 trimellitate 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-TOTM-E-Tri-2-ethylhexyl-Trimellitate.php](http://www.lookpolymers.com/polymer_PolyOne-Synplast-TOTM-E-Tri-2-ethylhexyl-Trimellitate.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.983 - 0.989 g/cc @Temperature 25.0 °C	0.983 - 0.989 g/cc @Temperature 77.0 °F	ASTM D4052
Kinematic Viscosity	191 cSt @Temperature 25.0 °C	191 cSt @Temperature 77.0 °F	ASTM D445
Molecular Weight	547 g/mol	547 g/mol	Theoretical
Vapor Pressure	0.000133 bar @Temperature 200 °C	0.0998 torr @Temperature 392 °F	
ASTM Color	100	100	Pt-Co Scale, Maximum; ASTM D1209

Thermal Properties	Metric	English	Comments
Pour Point	-38.0 °C	-36.4 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.48 @Temperature 25.0 °C	1.48 @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
Appearance	Clear, clean	ASTM D2090
	Clear/Transparent	

Descriptive Properties	Value	Comments <sup>15</sup> ; Minimum
Forms	Liquid	
Generic Material	Tri (2-ethylhexyl) Trimellitate	
Generic Name	Tri (2-ethylhexyl) Trimellitate	
Processing Method	Compounding	
Regional Availability	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Automotive Applications	
	Cable Jacketing	
	Film	
	Insulation	
	Sheet	
	Wire & Cable Applications	

## Contact Songhan Plastic Technology Co.,Ltd.

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