

PolyOne Synplast™ DOP-N Di (2-ethylhexyl) Phthalate

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Branched C8 phthalate ester Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Synplast-DOP-N-Di-2-ethylhexyl-Phthalate.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.978 - 0.984 g/cc	0.978 - 0.984 g/cc	ASTM D4052
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Kinematic Viscosity	58 cSt	58 cSt	ASTM D445
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Molecular Weight	390 g/mol	390 g/mol	Theoretical
Vapor Pressure	0.00160 bar	1.20 torr	
	@Temperature 200 °C	@Temperature 392 °F	
ASTM Color	25	25	Pt-Co Scale, Maximum; ASTM D1209

Thermal Properties	Metric	English	Comments
Pour Point	-47.0 °C	-52.6 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.49	1.49	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Chemical Properties	Metric	English	Comments
Total Acid Number	<= 0.070	<= 0.070	[mg KOH/g]; 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	
Ester Content	99%	ASTM D3465; Minimum

Descriptive Properties Features	Value General Purpose	Comments
Forms	Liquid	
Generic Material	Di (2-ethylhexyl) Phthalate	
Generic Name	Di (2-ethylhexyl) Phthalate	
Processing Method	Compounding	
Regional Availability	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	General Purpose	

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