

PolyOne Synplast™ 901P-N Di (Nonyl, Decyl, Undecyl) Phthalate

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Linear phthalate esterInformation provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Synplast-901P-N-Di-Nonyl-Decyl-Undecyl-Phthalate.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.953 - 0.959 g/cc	0.953 - 0.959 g/cc	ASTM D4052
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Kinematic Viscosity	50 cSt	50 cSt	ASTM D445
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Kinematic Viscosity at 40°C (104°F)	25 cSt	25 cSt	ASTM D445
	@Temperature 40.0 °C	@Temperature 104 °F	
Kinematic Viscosity at 100°C (212°F)	4.6 cSt	4.6 cSt	ASTM D445
	@Temperature 100 °C	@Temperature 212 °F	
Molecular Weight	450 g/mol	450 g/mol	Theoretical
Vapor Pressure	0.0203 bar	15.2 torr	
	@Temperature 200 °C	@Temperature 392 °F	
ASTM Color	25	25	Pt-Co Scale, Maximum; ASTM D1209

Thermal Properties	Metric	English	Comments
Pour Point	-20.0 °C	-4.00 °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
Total Acid Number	<= 0.10	<= 0.10	[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
Forms	Liquid	
Generic Material	Di (Nonyl, Decyl, Undecyl) Phthalate	
Generic Name	Di (Nonyl, Decyl, Undecyl) Phthalate	
Processing Method	Calendering	
	Compounding	
	Plastisol	
Regional Availability	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Automotive Applications	
	Automotive Interior Parts	
	Cable Jacketing	
	Film	
	Sheet	
	Wire & Cable Applications	

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