

## PolyOne Synplast™ DINA-N Di Isononyl Adipate

Category : Other Engineering Material , Additive/Filler for Polymer

### Material Notes:

Branched C9 adipate ester Information provided by PolyOne

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Synplast-DINA-N-Di-Isononyl-Adipate.php](http://www.lookpolymers.com/polymer_PolyOne-Synplast-DINA-N-Di-Isononyl-Adipate.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.915 - 0.921 g/cc	0.915 - 0.921 g/cc	ASTM D4052
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Kinematic Viscosity	17.3 cSt	17.3 cSt	ASTM D445
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Kinematic Viscosity at 40°C (104°F)	10.7 cSt	10.7 cSt	ASTM D445
	@Temperature 40.0 °C	@Temperature 104 °F	
Kinematic Viscosity at 100°C (212°F)	3.0 cSt	3.0 cSt	ASTM D445
	@Temperature 100 °C	@Temperature 212 °F	
Molecular Weight	400 g/mol	400 g/mol	Theoretical
ASTM Color	50	50	Pt-Co Scale, Maximum; ASTM D1209

Thermal Properties	Metric	English	Comments
Pour Point	-56.0 °C	-68.8 °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	<= 0.070	<= 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

Descriptive Properties	Value <b>Transparent</b>	Comments
Ester Content	99%	ASTM D3465; Minimum
Forms	Liquid	
Generic Material	Di Isononyl Adipate	
Generic Name	Di Isononyl Adipate	
Processing Method	Calendering	
	Compounding	
	Plastisol	
Regional Availability	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Cable Jacketing	
	Wire & Cable Applications	

## Contact Songhan Plastic Technology Co.,Ltd.

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