

SynPlast™ DINP-N

Di Isononyl Phthalate

PolyOne Corporation

Message:

Branched C9 phthalate ester

General Information	
Features	General Purpose
Uses	General Purpose
	Insulation
	Wire & Cable Applications
Appearance	Clear/Transparent
Forms	Liquid
Processing Method	Compounding
	Plastisol

Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	0.969 to 0.975	g/cm ³	ASTM D4052
Acid Number - Maximum	0.07	mg KOH/g	ASTM D1045
Appearance	Clear, clean		ASTM D2090
Color ²	25		ASTM D1209
Ester Content - Minimum	99	%	ASTM D3465
Molecular Weight ³	415		
Viscosity - Kinematic			ASTM D445
25°C	58.0	cSt	
40°C	27.8	cSt	
100°C	4.60	cSt	
Water Content - Maximum	1000	ppm	ASTM D1533
Pour Point	-49	°C	
Refractive Index (25°C)	1.4860		

NOTE	
1.	25/25°C
2.	Pt-Co Scale, Maximum
3.	Theoretical

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