

SynPlast™ DINA-N

Di Isononyl Adipate
PolyOne Corporation

Message:
Branched C9 adipate ester

General Information	
Uses	Cable Jacketing
	Wire & Cable Applications
Appearance	Clear/Transparent
Forms	Liquid
Processing Method	Calendering
	Compounding
	Plastisol

Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	0.915 to 0.921	g/cm ³	ASTM D4052
Acid Number - Maximum	0.07	mg KOH/g	ASTM D1045
Appearance	Clear, clean		ASTM D2090
Color ²	50		ASTM D1209
Ester Content - Minimum	99	%	ASTM D3465
Molecular Weight ³	400		
Viscosity - Kinematic			ASTM D445
25°C	17.3	cSt	
40°C	10.7	cSt	
100°C	3.00	cSt	
Water Content - Maximum	1000	ppm	ASTM D1533
Pour Point	-56	°C	
Refractive Index (25°C)	1.4485		

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

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