

SynPlast™ DOA-FM

Di (2-ethylhexyl) Adipate

PolyOne Corporation

Message:

Branched C8 adipate ester

General Information	
Uses	Adhesives
	Film
	Footwear
	Gaskets
Appearance	Clear/Transparent
Forms	Liquid
Processing Method	Compounding
	Plastisol

Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	0.919 to 0.925	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	99.5	wt%	ASTM D3465
Molecular Weight ³	370		
Vapor Pressure (200°C)	3.07E-4	MPa	
Viscosity - Kinematic			ASTM D445
25°C	12.1	cSt	
40°C	7.60	cSt	
100°C	2.30	cSt	
Water Content - Maximum	500	ppm	ASTM D1533
Pour Point	-65	°C	
Refractive Index (25°C)	1.4450		

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

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