

reFlex™ 300

Bio-based Plasticizer

PolyOne Corporation

Message:

Bio-derived, non-phthalate plasticizer; USDA BioPreferred® certified 99% biobased.

General Information	
Features	General Purpose
	Non-Phthalate Plasticizer
	Renewable Resource Content
Uses	Carpet Backing
	Compounding
	Consumer Applications
	Fabric Coatings
	Flooring
	Foam
	Hose
	Printing Ink
	Sporting Goods
	Toys
Agency Ratings	USDA Certified Biobased Product
Appearance	Clear/Transparent
Forms	Liquid
Processing Method	Calendering
	Compounding
	Plastisol

Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	0.978 to 0.984	g/cm ³	ASTM D4052
Acid Number	< 0.50	mg KOH/g	ASTM D1045
Appearance	Clear, clean		ASTM D2090
Color ²	< 60		ASTM D1209
Oxirane Content	> 6.8	wt%	ASTM D1652
Water Content	< 0.12	wt%	ASTM E1064
Hydroxyl Value	< 15.0	mg KOH/g	AOCS Tx 1a-66

NOTE	
1.	25/25°C
2.	Pt-Co Scale

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Recommended distributors for this material

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