

## PolyOne reFlex™ 300 Plasticizer, Bio-derived

Category : Other Engineering Material , Additive/Filler for Polymer

### Material Notes:

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

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-reFlex-300-Plasticizer-Bio-derived.php](http://www.lookpolymers.com/polymer_PolyOne-reFlex-300-Plasticizer-Bio-derived.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.978 - 0.984 g/cc @Temperature 25.0 °C	0.978 - 0.984 g/cc @Temperature 77.0 °F	ASTM D4052
ASTM Color	<= 60	<= 60	Pt-Co Scale; ASTM D1209

Chemical Properties	Metric	English	Comments
Total Acid Number	<= 0.50	<= 0.50	[mg KOH/g]; ASTM D1045

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.12 %	<= 0.12 %	ASTM E1064

Descriptive Properties	Value	Comments
Agency Ratings	USDA Certified Biobased Product	
Appearance	Clear, clean	ASTM D2090
	Clear/Transparent	
Features	General Purpose	
	Non-Phthalate Plasticizer	
	Renewable Resource Content	
Forms	Liquid	
Generic Material	Plasticizer, Bio-derived	
Generic Name	Plasticizer, Bio-derived	
Hydroxyl Value	< 15.0 mg KOH/g	AOCS Tx 1a-66
Oxirane Content	> 6.8 wt%	ASTM D1652
Processing Method	Calendering	
	Compounding	

Descriptive Properties	Value	Comments
Regional Availability	North America	
Uses	Carpet Backing	
	Compounding	
	Consumer Applications	
	Fabric Coatings	
	Flooring	
	Foam	
	Hose	
	Printing Ink	
	Sporting Goods	
	Toys	

## Contact Songhan Plastic Technology Co.,Ltd.

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