

# reFlex™ 100

Bio-based Plasticizer

PolyOne Corporation

Message:

Bio-derived, non-phthalate plasticizer; USDA BioPreferred® certified 94% biobased.

General Information			
Features	Fast Fusion		
	Fast Gel		
	High Solvating		
	Non-Phthalate Plasticizer		
	Renewable Resource Content		
Uses	Carpet Backing		
	Consumer Applications		
	Fabric Coatings		
	Flooring		
	Foam		
	Printing Ink		
	Sealants		
	Sporting Goods		
	Toys		
Agency Ratings	USDA Certified Biobased Product		
Appearance	Clear/Transparent		
Forms	Liquid		
Processing Method	Compounding		
	Hot Melt		
	Plastisol		
Physical	Nominal Value	Unit	Test Method
Specific Gravity <sup>1</sup>	0.947 to 0.953	g/cm <sup>3</sup>	ASTM D4052
Acid Number	< 1.00	mg KOH/g	ASTM D1045
Appearance	Clear, clean		ASTM D2090
Color <sup>2</sup>	< 50		ASTM D1209
Molecular Weight - Theoretical, approximate	316		
Oxirane Content	> 6.9	wt%	ASTM D1652
Water Content	< 0.15	wt%	ASTM E1064
Hydroxyl Value	< 20.0	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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