

## Arkema Group OREVAC® 18334 Grafted Maleic Anhydride Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , Anhydride-Modified Polyethylene

### Material Notes:

OREVAC 18334 is a grafted maleic anhydride polyethylene used in the manufacturing of multilayer oxygen barrier bottle. OREVAC 18334 is mainly used in multi-layer bottle and tank to have good adhesion between PEHD, PA and EVOH. OREVAC 18334 combined with SOARNOL® from NIPPON GOSHEI provides very good oxygen barrier. These structures are used in milky products conditionings, fuel tanks and also industrial applications. Information provided by Arkema Group

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Arkema-Group-OREVAC-18334-Grafted-Maleic-Anhydride-Polyethylene.php](http://www.lookpolymers.com/polymer_Arkema-Group-OREVAC-18334-Grafted-Maleic-Anhydride-Polyethylene.php)

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in <sup>3</sup>	ISO 1183
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Melt Index of Compound	1.0 g/10 min	1.0 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	45	45	ISO 868
Tensile Strength at Break	30.0 MPa	4350 psi	ASTM D638
Tensile Strength, Yield	4.50 MPa	653 psi	ASTM D638
Elongation at Break	760 %	760 %	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	125 °C	257 °F	DSC
Vicat Softening Point	95.0 °C	203 °F	ISO 306
	@Load 0.999 kg	@Load 2.20 lb	

## Contact Songhan Plastic Technology Co.,Ltd.

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