

## Arkema Group LOTRYL® 37 EH 550 Copolymer Ethylene - Acrylic Ester

Category : Polymer , Thermoplastic , Ethylene Acrylic Acid

**Material Notes:**

LOTRYL 37 EH 550 is a random copolymer of Ethylene and 2-Ethylhexyl Acrylate, prepared by the high pressure polymerization process. Co-monomer content is 37% in weight. LOTRYL 37 EH 550 is particularly recommended for the formulation of hot melt adhesives with low viscosity. LOTRYL 37 EH 550 is used as a viscosity modifier for technical polymers blends. Information provided by Arkema Group

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Arkema-Group-LOTRYL-37-EH-550-Copolymer-Ethylene-Acrylic-Ester.php](http://www.lookpolymers.com/polymer_Arkema-Group-LOTRYL-37-EH-550-Copolymer-Ethylene-Acrylic-Ester.php)

Physical Properties	Metric	English	Comments
Density	0.910 g/cc @Temperature 23.0 °C	0.0329 lb/in <sup>3</sup> @Temperature 73.4 °F	ISO 1183
Melt Index of Compound	550 g/10 min @Load 2.16 kg, Temperature 190 °C	550 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	62	62	ASTM D2240
Tensile Strength at Break	1.50 MPa	218 psi	ASTM D638
Elongation at Break	50 %	50 %	ASTM D638
Flexural Modulus	0.00600 GPa	0.870 ksi	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	72.0 °C	162 °F	DSC
Vicat Softening Point	<= 40.0 °C @Load 0.999 kg	<= 104 °F @Load 2.20 lb	ASTM D1525

Descriptive Properties	Value	Comments
2-Ethylhexyl Acrylate Content (%)	37	IRTF (internal)

## Contact Songhan Plastic Technology Co.,Ltd.

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