

Arkema Group LOTADER® TX 8030 Terpolymer Ethylene - Acrylic Ester - Maleic Anhydride

Category : Polymer , Adhesive , Thermoplastic , EMAAA Terpolymer

Material Notes:

LOTADER TX 8030 is a random terpolymer of Ethylene, Acrylic Ester and Maleic Anhydride, polymerized by high pressure autoclave process.

LOTADER TX 8030 is an adhesive designed for extrusion coating and extrusion lamination of paper, aluminum and polyethylene films.

LOTADER TX 8030 can be used pure or blended with polyethylene. Information provided by Arkema Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-LOTADER-TX-8030-Terpolymer-Ethylene-Acrylic-Ester-Maleic-Anhydride.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in ³	ISO 1183
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Melt Index of Compound	3.0 g/10 min	3.0 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	36	36	ASTM D2240
Tensile Strength at Break	12.0 MPa	1740 psi	ASTM D638
Elongation at Break	700 %	700 %	ASTM D638
Flexural Modulus	0.130 GPa	18.9 ksi	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	95.0 °C	203 °F	DSC
Vicat Softening Point	65.0 °C	149 °F	ASTM D1525
	@Load 0.999 kg	@Load 2.20 lb	

Processing Properties	Metric	English	Comments
Processing Temperature	230 - 240 °C	446 - 464 °F	in case of extrusion coating with EVOH
	270 - 330 °C	518 - 626 °F	

Descriptive Properties	Value	Comments
Ethyl Acrylate Content (%)	13	IRTF (internal)

Descriptive Properties	Value	Comments
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Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China