Lotader® TX 8030

Ethylene Ethyl Acrylate Copolymer

Arkema

Message:

LOTADER® TX8030 is a random terpolymer of ethylene, acrylic ester and maleic anhydride, polymerized by high-pressure autoclave process.
LOTADER® TX8030 is a versatile adhesive for extrusion coating or lamination, designed as:
Concentrate to be used in dry blend with LDPE. LOTADER® TX8030 improves adhesion of LDPE on aluminium foils, metallized or primerized films.
Ready for use resin to be used pure. LOTADER® TX8030 gives excellent adhesion on substrates likes aluminium foil, metallized plastics, paper, board, PE and its copolymers.
Coextrusion tie layer for PE/PA in extrusion coating process.

General Information	
Features	Good Adhesion Good Drawdown Good Thermal Stability High Melt Stability Terpolymer
Uses	Adhesives Coating Applications Laminates Tie-Layer
Forms	Pellets
Processing Method	Coextrusion Extrusion Coating Laminating

Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm³	ISO 1183, ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.0	g/10 min	ASTM D1238, ISO 1133
Ethyl Acrylate Content	13.0	wt%	
Maleic Anhydride Content	2.8	wt%	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D, Compression Molded)	36		ASTM D2240, ISO 868
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break, Compression Molded)	12.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break, Compression Molded)	700	%	ASTM D638, ISO 527-2
Flexural Modulus (Compression Molded)	130	MPa	ASTM D790, ISO 178

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	65.0	°C	ISO 306/A, ASTM D1525 [1]
Melting Temperature	95.0	°C	ISO 11357-3

NOTE	
1.	Loading 1 (10 N)

Recommended distributors for this material

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