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

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)

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