

Generic EAA

Ethylene Acrylic Acid Copolymer

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic EAA

This information is provided for comparative purposes only.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	0.930 - 0.940	g/cm ³	ASTM D792
23°C	0.930 - 0.940	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			
190°C/2.16 kg	0.80 - 33	g/10 min	ASTM D1238
190°C/2.16 kg	1.3 - 34	g/10 min	ISO 1133
Acrylic Acid Content	6.0 - 11.2	wt%	
Comonomer Content	6.1 - 10.0	%	
Hardness			
Durometer Hardness			
23°C	25 - 80		ASTM D2240
23°C	38 - 51		ISO 868
Mechanical			
Tensile Strength			
Yield, 23°C	7.00 - 10.0	MPa	ASTM D638
Yield, 23°C	5.00 - 9.50	MPa	ISO 527-2
Fracture, 23°C	4.91 - 26.1	MPa	ASTM D638
Fracture, 23°C	5.60 - 23.1	MPa	ISO 527-2
Tensile Elongation			
Fracture, 23°C	410 - 750	%	ASTM D638
Fracture, 23°C	590 - 650	%	ISO 527-2
Flexural Modulus (23°C)	20.0 - 113	MPa	ISO 178
Thermal			
Vicat Softening Temperature			
--	40.0 - 88.9	°C	ASTM D1525
--	40.0 - 90.0	°C	ISO 306
Melting Temperature (DSC)	95.8 - 101	°C	ISO 3146
Extrusion			
Cylinder Zone 1 Temp.	135 - 185	°C	
Cylinder Zone 2 Temp.	160 - 235	°C	
Cylinder Zone 3 Temp.	185 - 260	°C	

Cylinder Zone 4 Temp.	185 - 285	°C
Cylinder Zone 5 Temp.	185 - 285	°C
Adapter Temperature	185 - 285	°C
Melt Temperature	260 - 312	°C
Die Temperature	185 - 285	°C

Extrusion instructions

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