

Generic EBA

Ethylene Butyl Acrylate Copolymer

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic EBA
This information is provided for comparative purposes only.

General Information			
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.922 - 0.950	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			
190°C/2.16 kg	0.45 - 44	g/10 min	ASTM D1238
190°C/2.16 kg	0.20 - 4.6	g/10 min	ISO 1133
n-Butyl Acrylate Content	3.0 - 17.2	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			
23°C	45 - 46		ASTM D2240
23°C	30 - 91		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Fracture, 23°C	12.0 - 14.3	MPa	ASTM D638
Fracture, 23°C	7.70 - 14.3	MPa	ISO 527-2
Tensile Elongation			
Fracture, 23°C	600 - 860	%	ASTM D638
Fracture, 23°C	590 - 830	%	ISO 527-2
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	99 - 200	µm	
Tensile Stress			ISO 527-3
Fracture, 23°C	7.00 - 25.0	MPa	ISO 527-3
23°C	22.0 - 25.1	MPa	ISO 527-3
Tensile Elongation (Break, 23°C)	350 - 900	%	ISO 527-3
Dart Drop Impact (23°C)	600 - 1500	g	ISO 7765-1
Elmendorf Tear Strength	3.9 - 15	N	ISO 6383-2
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	40.0 - 80.0	°C	ASTM D1525
--	40.0 - 80.3	°C	ISO 306
Melting Temperature	65.0 - 107	°C	DSC
Optical	Nominal Value	Unit	Test Method
Haze	10 - 45	%	ASTM D1003

Extrusion	Nominal Value	Unit
Melt Temperature	170 - 200	°C
Extrusion instructions		

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