



EBANTIX® E27150

REPSOL - Ethylene Butyl Acrylate Copolymer

Sunday, November 3, 2019

General Information

Product Description

EBA REPSOL EBANTIX® E27150 offers excellent flexibility and is suitable for injection moulding. The butyl acrylate content is 20%. It contains antioxidant and free flowing agent.

Applications:

- Hot Melt Adhesives.
- Packaging.
- Bookbinding.
- Carpet backing.

Recommended melt temperature 180°C. EBA copolymers exhibit excellent thermal stability, which allows higher processing temperatures if needed. Processing characteristics of E27150 are similar to LDPE and conventional polyethylene extruders are recommended. Processing conditions should be optimised for each production line.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Additive	• Antioxidant	• Free Flowing Agent	
Features	• Antioxidant	• Copolymer	• Food Contact Acceptable
Uses	• Adhesives	• Carpet Backing	• Packaging
Agency Ratings	• EU Food Contact, Unspecified Rating		
Processing Method	• Injection Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	0.925	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	150	g/10 min	ISO 1133
n-Butyl Acrylate Content	27.0	wt%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	435	psi	ISO 527-2
Tensile Strain (Break)	550	%	ISO 527-2
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	76		ISO 868
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	169	°F	Internal Method
Ring and Ball Softening Point	212	°F	ASTM E28

Processing Information

Injection	Nominal Value	Unit
Processing (Melt) Temp	356	°F

Notes

¹ Typical properties: these are not to be construed as specifications.