



EBANTIX® E803C

REPSOL - Ethylene Butyl Acrylate Copolymer

Sunday, November 3, 2019

General Information

Product Description

EBA REPSOL EBANTIX® E803C is a copolymer suitable for Cable Compounds combining excellent processability and very good mechanical properties. The butyl acrylate content is 8%.

Applications:

- Cable compounds.

Recommended melt temperature range is 160-180°C. Processing characteristics of E803C are similar to LDPE and conventional Polyethylene extruders are recommended.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Copolymer	• Food Contact Acceptable	
Uses	• Compounding		
Agency Ratings	• EU Food Contact, Unspecified Rating		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	0.924	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min	ISO 1133
n-Butyl Acrylate Content	8.0	wt%	Internal Method
Films	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-3
MD : Break	3630	psi	
TD : Break	3770	psi	
Tensile Elongation			ISO 527-3
MD : Break	680	%	
TD : Break	710	%	

Notes

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