

Technical data sheet

Chemicals



EBA REPSOL EBANTIX® E803C

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.

PROPERTIES	VALUE*	UNIT	TEST METHOD
General			
Melt flow rate (190°C, 2.16kg)	0.3	g/10 min	ISO 1133
Butyl acrylate content	8	%	Internal
Density at 23°C	924	kg/m ³	ISO 1183
Mechanical			
Tensile strength at break (MD/TD)	25/26	MPa	ISO 527-3
Elongation at break (MD/TD)	680/710	%	ISO 527-3

* Provisional values to be confirmed upon statistical data.

EBA REPSOL EBANTIX® E803C complies with the European Directives regarding materials intended for contact with foodstuffs. The product mentioned herein is not intended to be used for medical, pharmaceutical or healthcare applications and we do not support their use for such applications. For further information, please contact our Technical Service and Development Laboratory or our Customer Care Service.

Storage

EBA REPSOL EBANTIX® E803C should be stored in a dry atmosphere, on a paved, drained and not flooded area, at temperatures under 40°C and protected from UV radiation. Storage under inappropriate conditions could initiate degradation processes or undesired migration of additives included in its formulation which may have a negative influence on the processability and the properties of the transformed product.

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This information is offered in good faith and meant only as a guide. The transformer or user will be, in each case, responsible for the processing conditions and the final use of the product. Freedom under patents, copyright and registered designs cannot be assumed.

Technical Service and Development:
Repsol Technology Centre
Ctra. de Extremadura AS, Km 18
28931 Móstoles, Madrid
Tel. +34 91 753 06 00
atd_poliolefinas@repsol.com

Headquarters:
Méndez Álvaro, 44
28045 Madrid
Spain
www.chemicals.repsol.com

Customer Care:
sacrq@repsol.com