



PRIMEVA® P2735C

REPSOL - Ethylene Vinyl Acetate Copolymer

Sunday, November 3, 2019

General Information

Product Description

EVA resin REPSOL PRIMEVA® P2735C is especially suitable for HFFR and special cable compounds. It is also recommended for hot-melt adhesives and extrusion applications. EVA resin REPSOL PRIMEVA® P2735C presents low gel content. It contains antioxidant additive.

Applications:

- Hot Melt Adhesives.
- Masterbatches.
- Microcellular foams.
- Sonic damping sheets.
- Film extrusion.
- Can be used to produce halogen-free-flame-retardant (HFFR) cables compounds.

Recommended melt temperature below 200°C to avoid the decomposition of the polymer. 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		
Features	• Antioxidant • Copolymer	• Food Contact Acceptable • Low Gel	
Uses	• Adhesives • Compounding	• Foam • Masterbatch	• Sheet
Agency Ratings	• EU Food Contact, Unspecified Rating		
Processing Method	• Extrusion	• Foam Extrusion	• Sheet Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	0.953	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.5	g/10 min	ISO 1133
Vinyl Acetate Content	27.0	wt%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	3340	psi	ISO 527-2
Tensile Strain (Break)	560	%	ISO 527-2
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	81		ISO 868
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	163	°F	Internal Method

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	392	°F

Notes

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