



PRIMEVA® P28045

REPSOL - Ethylene Vinyl Acetate Copolymer

Sunday, November 3, 2019

General Information

Product Description

EVA resin REPSOL PRIMEVA® P28045 is recommended for medium viscosity hot melt adhesives applications. EVA resin REPSOL PRIMEVA® P28045 has been improved for a better stability against thermal degradation. It contains antioxidant and free flowing agent.

Applications:

- Hot Melt Adhesives.
 - Packaging.
- Blends with waxes.

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	• Free Flowing Agent	
Features	• Antioxidant • Copolymer	• Food Contact Acceptable • Good Thermal Stability	• Medium Viscosity
Uses	• Adhesives	• Blending	
Agency Ratings	• EU Food Contact, Unspecified Rating		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	0.950	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	43	g/10 min	ISO 1133
Vinyl Acetate Content	28.0	wt%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	1160	psi	ISO 527-2
Tensile Strain (Break)	750	%	ISO 527-2
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	76		ISO 868
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	156	°F	Internal Method
Ring and Ball Softening Point	232	°F	ASTM E28
Fill Analysis	Nominal Value	Unit	Test Method
Brookfield Viscosity ²			Internal Method
356°F	258	Pa·s	
392°F	149	Pa·s	

Notes

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

² Spindle SC4-27