



PRIMEVA® P33045S

REPSOL - Ethylene Vinyl Acetate Copolymer

Sunday, November 3, 2019

General Information

Product Description

EVA resin REPSOL PRIMEVA® P33045S features low gel content and is specially designed for photovoltaic applications. It contains antioxidant and free flowing agent.

Applications:

- Hot Melt Adhesives
 - Packaging
 - Bookbinding
 - Pressure sensitive adhesive coatings

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 • Low Gel	
Uses	• Adhesives	• Packaging	
Agency Ratings	• EU Food Contact, Unspecified Rating		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	0.956	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	45	g/10 min	ISO 1133
Vinyl Acetate Content	33.0	wt%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	725	psi	ISO 527-2
Tensile Strain (Break)	850	%	ISO 527-2
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	73		ISO 868
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	138	°F	Internal Method
Ring and Ball Softening Point	234	°F	ASTM E28
Fill Analysis	Nominal Value	Unit	Test Method
Brookfield Viscosity ²			Internal Method
356°F	293	Pa·s	
392°F	169	Pa·s	

Notes

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

² Spindle SC4-27