



PRIMEVA® P28025S

REPSOL - Ethylene Vinyl Acetate Copolymer

Sunday, November 3, 2019

General Information

Product Description

EVA resin REPSOL PRIMEVA ® P28025S features low gel content and is specially designed for photovoltaic applications. It contains antioxidant and free flowing agent.

Applications:

- Encapsulant in solar panels.

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	• Europe	• North America
	• Asia Pacific	• Latin America	
Additive	• Antioxidant	• Free Flowing Agent	
Features	• Antioxidant	• Food Contact Acceptable	
	• Copolymer	• Low Gel	
Uses	• Encapsulant		
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)	25	g/10 min	ISO 1133
Vinyl Acetate Content	28.0	wt%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	1740	psi	ISO 527-2
Tensile Strain (Break)	790	%	ISO 527-2
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore A	78		
Shore D	26		
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	158	°F	Internal Method
Ring and Ball Softening Point	248	°F	ASTM E28

Notes

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