PRIMEVA® P28400

REPSOL - Ethylene Vinyl Acetate Copolymer

Sunday, November 3, 2019

General Information

Product Description

EVA resin REPSOL PRIMEVA® P28400 is recommended for low viscosity hot melt adhesives applications. EVA resin REPSOL PRIMEVA® P28400 has been improved for a better stability against thermal degradation. It contains antioxidant and free flowing agent.

Applications:

- Hot Melt Adhesives.
  - Packaging.
  - Bookbinding.

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

ASTM & ISO Properties [1]

Physical	Nominal Value	Unit	Test Method
Density (73°F)	0.950	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	400	g/10 min	ISO 1133
Vinyl Acetate Content	28.0	wt%	Internal Method
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Break)	435	psi	ISO 527-2
Tensile Strain (Break)	600	%	ISO 527-2
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness (Shore A)	71		ISO 868
Thermal	**Nominal Value**	**Unit**	**Test Method**
Melting Temperature	154	°F	Internal Method
Ring and Ball Softening Point	185	°F	ASTM E28
Fill Analysis	**Nominal Value**	**Unit**	**Test Method**
Brookfield Viscosity [2]			Internal Method
356°F	29.8	Pa·s	
392°F	18.2	Pa·s	

Notes

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

[2] Spindle SC4-27