PRIMEVA® P28150

REPSOL - Ethylene Vinyl Acetate Copolymer

Sunday, November 3, 2019

General Information

Product Description

EVA resin REPSOL PRIMEVA® P28150 is suitable for low viscosity hot melt adhesives and compatible with a large range of tack resins and waxes. EVA resin REPSOL PRIMEVA® P28150 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)	150	g/10 min	ISO 1133
Vinyl Acetate Content	28.0	wt%	Internal Method
Viscosity			Internal Method
302°F [2]	2.65	Pa·s	
347°F [3]	1.50	Pa·s	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Break)	725	psi	ISO 527-2
Tensile Strain (Break)	700	%	ISO 527-2
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness (Shore A)	74		ISO 868
Thermal	**Nominal Value**	**Unit**	**Test Method**
Melting Temperature	153	°F	Internal Method
Ring and Ball Softening Point	192	°F	ASTM E28

Notes

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

[2] Blend 40:60 PA-442/wax at 150°C

[3] Blend 40:60 PA-442/wax at 175°C