



PRIMEVA® P1550M

REPSOL - Ethylene Vinyl Acetate Copolymer

Sunday, November 3, 2019

General Information

Product Description

EVA resin REPSOL PRIMEVA® P1550M is recommended for low viscosity hot melt adhesives applications. EVA resin REPSOL PRIMEVA® P1550M has been improved for a better stability against thermal degradation. It contains antioxidant and free flowing agent.

Applications:

- Low Viscosity Hot Melt Adhesives
- Coatings
- Mixtures with Bitumen
- Viscosity Modification

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	• Coating Applications	
Agency Ratings	• EU Food Contact, Unspecified Rating		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	0.937	g/cm ³	ISO 1183
Vinyl Acetate Content	15.0	wt%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	638	psi	ISO 527-2
Tensile Strain (Break)	77	%	ISO 527-2
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	88		ISO 868
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	194	°F	Internal Method
Ring and Ball Softening Point	214	°F	ASTM E28
Fill Analysis	Nominal Value	Unit	Test Method
Brookfield Viscosity ² (374°F)	5.00	Pa·s	Internal Method

Notes

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

² Spindle SC4-27