PRIMEVA® P40055

REPSOL - Ethylene Vinyl Acetate Copolymer

Sunday, November 3, 2019

General Information

Product Description

EVA resin REPSOL PRIMEVA ® P40055 is recommended for adhesive formulations, sealants and solution coatings. It contains antioxidant and free flowing agent.

Applications:

- Hot Melt Adhesives
- Pressure sensitive adhesive coatings.
- Wood primers and sealers.
- Inks formulations.
- Can be used to produce semiconductive cables compounds.

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 • Semi Conductive	
Uses	• Adhesives	• Compounding	• Sealants
Agency Ratings	• EU Food Contact, Unspecified Rating		

ASTM & ISO Properties [1]

Physical	Nominal Value	Unit	Test Method
Density (73°F)	0.969	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	55	g/10 min	ISO 1133
Vinyl Acetate Content	40.0	wt%	Internal Method
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Break)	1020	psi	ISO 527-2
Tensile Strain (Break)	940	%	ISO 527-2
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness (Shore A)	51		ISO 868
Thermal	**Nominal Value**	**Unit**	**Test Method**
Melting Temperature	120	°F	Internal Method
Ring and Ball Softening Point	225	°F	ASTM E28

Notes

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