

Technical data sheet

Chemicals



EVA REPSOL PRIMEVA® P28045

EVA resin REPSOL PRIMEVA® P28045 is recommended for medium viscosity hot melt adhesives applications. EVA resin REPSOL PRIMEVA® P28045 has been improved for a better stability against thermal degradation. It contains antioxidant and free flowing agent.

Applications

- Hot Melt Adhesives.
 - Packaging.
- Blends with waxes.

Recommended melt temperature below 200°C to avoid the decomposition of the polymer. Processing conditions should be optimised for each production line.

PROPERTIES	VALUE	UNIT	TEST METHOD
General			
Melt flow rate (190°C, 2.16kg) ¹	43	g/10 min	ISO 1133
Vinyl acetate content	28	%	Internal
Density at 23 °C	950	kg/m ³	ISO 1183
Ring-ball softening point	111	°C	ASTM E-28
Melting point	69	°C	Internal
Brookfield Viscosity (180°C, Spindle SC4-27)	257900	cP	Internal
Brookfield Viscosity (200°C, Spindle SC4-27)	148900	cP	Internal
¹ Value reported is an estimate based on Repsol's correlation from melt flow rate data measured at other standard conditions, based on ISO 1133.			
Mechanical			
Tensile strength at break	8	MPa	ISO 527-2
Elongation at break	750	%	ISO 527-2
Shore A hardness	76	-	ISO 868

EVA REPSOL PRIMEVA® P28045 complies with the European Directives regarding materials intended for contact with foodstuffs. The product mentioned herein is not intended to be used for medical, pharmaceutical or healthcare applications and we do not support their use for such applications. For further information, please contact our Technical Service and Development Laboratory or our Customer Care Service.

Storage

EVA REPSOL PRIMEVA® P28045 should be stored in a dry atmosphere, on a paved, drained and not flooded area, at temperatures under 40°C and protected from UV radiation. Storage under inappropriate conditions could initiate degradation processes or undesired migration of additives included in its formulation which may have a negative influence on the processability and the properties of the transformed product.

February 2017

This information is offered in good faith and meant only as a guide. The transformer or user will be, in each case, responsible for the processing conditions and the final use of the product. Freedom under patents, copyright and registered designs cannot be assumed.

Technical Service and Development:
 Repsol Technology Centre
 Ctra. de Extremadura AS, Km 18
 28931 Móstoles, Madrid
 Tel. +34 91 753 06 00
atd_poliiolefinas@repsol.com

Headquarters:
 Méndez Álvaro, 44
 28045 Madrid
 Spain
www.chemicals.repsol.com

Customer Care:
sacrq@repsol.com