EVA REPSOL PRIMEVA® P28400

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 200ºC 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 (190ºC,2.16kg)[1]	400	g/10 min	ISO 1133
Vinyl acetate content	28	%	Internal
Density at 23 °C	950	kg/m^3	ISO 1183
Ring-ball softening point	85	ºC	ASTM E-28
Melting point	68	ºC	Internal
Viscosity Brookfield 180ºC (Spindle SC4-27)	29800	cP	Internal
Viscosity Brookfield 200ºC (Spindle SC4-27)	18200	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	3	MPa	ISO 527-2
Elongation at break	600	%	ISO 527-2
Shore A hardness	71	-	ISO 868

* Viscosity has been measured in a Brookfield viscosimeter with a paraffin wax of melting point 68ºC

EVA REPSOL PRIMEVA® P28400 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® P28400 should be stored in a dry atmosphere, on a paved, drained and not flooded area, at temperatures under 40ºC 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.

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