

Technical data sheet

Chemicals



EVA REPSOL PRIMEVA® P2850M

EVA resin REPSOL PRIMEVA® P2850M is a very low viscosity copolymer for hot melt adhesives applications. EVA resin REPSOL PRIMEVA® P2850M has been improved for a better stability against thermal degradation. It contains antioxidant and free flowing agent.

Applications

- Hot Melt Adhesives
 - Packaging
 - Bookbinding
 - Pressure sensitive
- Blends with waxes
- Paper and cardboard coatings

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			
Viscosity Brookfield 200°C (Spindle SC4-27)	5000	cP	Internal
Vinyl acetate content	27.5	%	Internal
Density at 23 °C	951	kg/m ³	ISO 1183
Melting point	68	°C	Internal
Ring-ball softening point	82	°C	ASTM E-28
Mechanical			
Tensile strength at break	1.8	MPa	ISO 527-2
Elongation at break	129	%	ISO 527-2
Shore A hardness	71	-	ISO 868

EVA REPSOL PRIMEVA® P2850M 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® P2850M 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.

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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.

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