

Technical data sheet

Chemicals



EVA REPSOL PRIMEVA® P33025C

EVA resin REPSOL PRIMEVA® P33025C is recommended for hot melt adhesives applications, when toughness and flexibility are required. EVA resin REPSOL PRIMEVA® P33025C presents low gel content. It contains antioxidant and free flowing agent.

Applications

- Hot Melt Adhesives
 - Packaging
 - Bookbinding
 - Pressure sensitive adhesive coatings
- 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.

PROPERTIES	VALUE	UNIT	TEST METHOD
General			
Melt flow rate (190°C, 2.16kg)	25	g/10 min	ISO 1133
Vinyl acetate content	33	%	Internal
Density at 23 °C	956	kg/m ³	ISO 1183
Ring-ball softening point	118	°C	ASTM E-28
Melting point	61	°C	Internal
Viscosity Brookfield 180°C (Spindle SC4-27)	637340	cP	Internal
Viscosity Brookfield 200°C (Spindle SC4-27)	367600	cP	Internal
Mechanical			
Tensile strength at break	6	MPa	ISO 527-2
Elongation at break	825	%	ISO 527-2
Shore A hardness	74	-	ISO 868

EVA REPSOL PRIMEVA® P33025C 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® P33025C 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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