

Technical data sheet

Chemicals



EVA REPSOL PRIMEVA® P2430C

EVA resin REPSOL PRIMEVA® P2430C is recommended for injection moulding as well as for blends with other products like waxes and mineral fillers. It contains antioxidant and free flowing agent.

Applications

- Injection moulding. Release agents containing silicone must be avoided.
- Blends with waxes.
- Manufacture of masterbatches.
- Microcellular foams.
- Extrusion of profiles and sheets with high flexibility.
- Can be used to produce halogen-free-flame-retardant (HFFR) 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)	3.0	g/10 min	ISO 1133
Vinyl acetate content	24	%	Internal
Density at 23 °C	944	kg/m ³	ISO 1183
Ring-ball softening point	162	°C	ASTM E-28
Melting point	77	°C	Internal
Viscosity Brookfield 180°C (Spindle SC4-27)	3728000	cP	Internal
Viscosity Brookfield 200°C (Spindle SC4-27)	6696000	cP	Internal
Mechanical			
Tensile strength at break	25	MPa	ISO 527-2
Elongation at break	740	%	ISO 527-2
Shore A hardness	79	-	ISO 868
Shore D hardness	29	-	ISO 868

EVA REPSOL PRIMEVA® P2430C 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® P2430C 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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