EVA REPSOL PRIMEVA® P2870C

EVA resin REPSOL PRIMEVA® P2870C is recommended for hot melt adhesives applications, injection moulding and extrusion of profiles. EVA resin REPSOL PRIMEVA® P2870C presents low gel content. It contains antioxidant and free flowing agent.

Applications

- Injection moulding**.** Release agents containing silicone must be avoided.
- Hot Melt Adhesives.
     - Packaging.
     - Edge veneering.
     - Shoe industry.
- Manufacture of masterbatches.
- Microcellular foams.
- Manufacture of sonic damping sheets.
- Can be used to produce halogen-free-flame-retardant (HFFR) cables compounds.

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)	7.0	g/10 min	ISO 1133
Vinyl acetate content	28	%	Internal
Density at 23 °C	950	kg/m^3	ISO 1183
Ring-ball softening point	142	ºC	ASTM E-28
Melting point	71	ºC	Internal
Viscosity Brookfield 200ºC (Spindle SC4-27)	1770000	cP	Internal
Mechanical			
Tensile strength at break	22	MPa	ISO 527-2
Elongation at break	760	%	ISO 527-2
Shore A hardness	80	-	ISO 868
Shore D hardness	28	-	ISO 868

EVA REPSOL PRIMEVA® P2870C 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.

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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Storage

EVA REPSOL PRIMEVA® P2870C 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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