



## EVA REPSOL PRIMEVA® P1340

EVA copolymer REPSOL PRIMEVA® P1340 is suitable for injection moulding and extrusion. This material is specially recommended for those applications where flexibility, toughness and transparency are required. It contains antioxidant additives.

### Applications

- Extrusion.
- Injection moulding. Release agents containing silicone must be avoided.
- Microcellular foams.

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
<b>General</b>			
Melt flow rate (190°C, 2.16kg)	4.0	g/10 min	ISO 1133
Vinyl acetate content	12.5	%	Internal
Density at 23°C	931	kg/m <sup>3</sup>	ISO 1183
Vicat softening temperature (load 10 N)	72	°C	ISO 306
Melting temperature	97	°C	Internal
ESCR	>100	h(F <sub>50</sub> )	ASTM D-1693
<b>Mechanical</b>			
Tensile strength at break	14	MPa	ISO 527-2
Elongation at break	650	%	ISO 527-2
Shore D Hardness	41	-	ISO 868

EVA REPSOL PRIMEVA® P1340 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® P1340 should be stored in a dry atmosphere, on a paved, drained and not flooded area, at temperatures under 50°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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