

Pakro Kimya Dış Ticaret A.Ş.

İstoç Ticaret Merkezi Aktem Plaza Kat:5 Daire:33 Bağcılar/İstanbul



inical Data et	ISPLEN [®] Polypropylene	REPJOL	
I ech Shee	Chemicals		
ISF	PLEN [®] PR 295 C1M		

ISPLEN[®] PR 295 C1M is a polypropylene random copolymer with a very high fluidity intended for injection moulding of transparent thin walled articles. It is characterised by good flow properties that facilitates an easy mould filling and very short cycle times. Due to the specific crystalline structure it exhibits a high toughness at ambient temperatures and high dimensional stability.

The resin exhibits an excellent balance of properties: clarity, stiffness, impact strength and processability

TYPICAL APPLICATIONS

ISPLEN[®] PR 295 C1M is widely applied for the high speed production of thin-walled articles such as:

- Houseware containers (square and cylindrical shape).
- Transparent boxes and crates for domestic and professional storage.
- Thin wall containers for foodstuffs: yoghurt, dairy products, fast food, candies, sauces...
- Technical appliances: furniture, toys, kitchen equipment...

Recommended melt temperature range from 210 to 250°C. Processing conditions should be optimised for each production line.

PROPERTIES		VALUE		UNIT	TI	TEST METHOD	
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General							
Melt Flow Rate (230 °C; 2.1	6 kg)	45	a	/10 min		ISO 1133	
Density	0,	905	5	/10 min kg/m ³		ISO 1183	
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Mechanical							
Flexural Modulus		1050		MPa		ISO 178	
Charpy Impact Strength Not	ched 23 °C	5		kJ/m ²		ISO 179	
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Thermal							
Heat Deflection Temperatur	e 0.45MPa	70		°C		ISO 75	
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ISPLEN[®] PR 295 C1M complies with the European Directives regarding materials intended for contact with foodstuffs. For further information, please contact our Technical Service and Development Laboratory or our Customer Care Service.

STORAGE

ISPLEN[®] PR 295 C1M should be stored in a dry atmosphere, on a paved, drained and not flooded area, at temperatures under 60°C and protected from UV radiation. Storage under inappropriate conditions could initiate degradation processes 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. Technical Service and Development: Repsol Technology Centre Ctra. de Extremadura A5, Km 18 28931 Móstoles. Madrid Tel. +34 91 348 86 00 Fax: +34 91 530 45 17 atdpo@repsol.com Headquarters: P° de la Castellana, 280 28046 Madrid Spain Tel. +34 91 348 29 56 www.chemicals.repsol.com Customer Care: sacrq@repsol.com