ISPLEN® PR 230 C1E

Polypropylene Random Copolymer

REPSOL

Message:

ISPLEN®PR 230 C1E is a medium-low melt flow rate propylene-ethylene random copolymer. It contains a basic additivation for general uses, compatible with any other that the transformer may wish to add.
TYPICAL APPLICATIONS
In extrusion and blow-moulding processes that require high transparency and gloss:
Sheet Extrusion
Thermoforming
Blow -moulding extrusion
ISPLEN® PR 230 C1E can be easily coloured during the extrusion process using the right pigments, preferably in the form of concentrates with a higher melt flow rate than that of the base polymer.

General Information	
Additive	Unspecified Additive
Features	Food Contact Acceptable High Clarity High Gloss Medium Flow
Uses	Blow Molding Applications Sheet
Agency Ratings	EU Food Contact, Unspecified Rating FDA Food Contact, Unspecified Rating
Processing Method	Blow Molding Extrusion Sheet Extrusion Thermoforming

Physical	Nominal Value	Unit	Test Method
Density	0.902	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.6	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	27.0	MPa	ISO 527-2
Tensile Strain (Yield)	14	%	ISO 527-2
Flexural Modulus	800	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength (23°C)	13	kJ/m²	ISO 180/1A
Thermal	**Nominal Value**	**Unit**	**Test Method**

Heat Deflection Temperature (0.45 MPa, Unannealed)	70.0	°C	ISO 75-2/B
Vicat Softening Temperature	130	°C	ISO 306/A

Recommended distributors for this material

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