Eltex® P RF110

Polypropylene Impact Copolymer

INEOS Olefins & Polymers Europe

Message:

Polypropylene - Impact copolymer
ELTEX® P RF110 is a "high impact" copolymer mainly intended for the production of hollow containers, corrugated sheets of the "synthetic cardboard" type and films. It features a low MFI, a good stiffness and a high impact strength at low temperatures.
Benefits & Features
Good stiffness
High impact strength at low temperatures
Very low level of gels
Applications
Blow moulded containers
Synthetic cardboard
Films - retortable application
Pipes
Thick sheets

General Information			
Features	Good Stiffness High Impact Resistance Impact Copolymer Low Flow Low Gel Low Temperature Impact Resistance		
Uses	Blown Containers Corrugated Sheet Film Piping Sheet		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.80	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield, 23°C)	29.0	MPa	ISO 527-2
Flexural Modulus (23°C)	1300	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	50	kJ/m^2	ISO 179/1eA
Notched Izod Impact Strength			ISO 180/A

-20°C	5.0	kJ/m²	
0°C	7.0	kJ/m²	
23°C	45	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature [1]	164	°C	ASTM D3418
NOTE			
1.	2nd heating		

Recommended distributors for this material

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