

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/m ²	
0°C	7.0	kJ/m ²	
23°C	45	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature ¹	164	°C	ASTM D3418
NOTE			
1.	2nd heating		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT