

INEOS PP 240xGB08

Polypropylene Random Copolymer

INEOS Olefins & Polymers Europe

Message:

240xGB08 is a random copolymer polypropylene specifically designed for the production of highly transparent film. It has an enhanced ethylene content for superior optical properties and very high toughness. This balance of properties also makes it ideal for many thin walled injection moulding applications.

Applications

Cast and BOPP film

Thin wall injection moulding

Compounding

Benefits and Features

Excellent transparency and gloss

Super toughness

Easy processing

General Information			
Features	Good Processability		
	High Gloss		
	Opticals		
	Random Copolymer		
	Ultra High Toughness		
Uses	Bi-axially Oriented Film		
	Cast Film		
	Compounding		
	Film		
	Thin-walled Parts		
Forms	Pellets		
Processing Method	Bi-axially Oriented Film		
	Cast Film		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (23°C)	800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.0	kJ/m²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	70.0	°C	ISO 75-2/B

Vicat Softening Temperature	120	°C	ISO 306/A
Optical	Nominal Value	Unit	Test Method
Haze (50.0 μm)	< 1.0	%	ASTM D1003

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