

Eltex® P HCW280

Polypropylene Homopolymer
INEOS Olefins & Polymers Europe

Message:

ELTEX P HCW280 is a homopolymer with a high isotacticity and antistatic properties. The very high isotactic index gives it an exceptional degree of crystallinity and remarkably high stiffness making it also suitable for a range of applications typical of Styrenic polymers. Eltex® P HCW280 has improved heat resistance properties over standard polypropylenes.

- Benefits and Features
- Exceptional degree of crystallinity
 - Remarkably high stiffness
 - Heat resistance
- Applications
- Household goods
 - Food packaging
 - Appliances

General Information			
Additive	Antistatic		
Features	Antistatic		
	High Heat Resistance		
	High Isotactic		
	High Stiffness		
	Homopolymer		
Uses	Appliances		
	Food Packaging		
	Household Goods		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	40.0	MPa	ISO 527-2
Flexural Modulus (23°C)	2200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	2.7	kJ/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	130	°C	ISO 75-2/B
Vicat Softening Temperature			
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