



Eltex® P HCW280

Product Technical Information

Polypropylene - Homopolymer

Eltex® P HCW280 is a homopolymer with high isotacticity and antistatics 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.

Applications

- Household goods
- Food packaging
- Appliances

Benefits and Features

- Exceptional degree of crystallinity
- Remarkably high stiffness
- Heat resistance

Properties		Test Methods	Values	Units
Physical				
Melt Flow Rate	230°C/2.16kg	ISO 1133	20	g/10min
Mechanical				
Flexural Modulus	@23°C	ISO 178	2200	MPa
Tensile Strength	@Yield	ISO 527-1,-2	40	MPa
Izod impact strength, notched	@+23°C	ISO 180/1A	2.7	kJ/m ²
Thermal				
HDT	@0.45 MPa	ISO 75/B	130	°C
Vicat softening temperature	@10 N	ISO 306/A	155	°C
Vicat softening temperature	@50 N	ISO 306/B	112	°C

- Data should not be used for specification work

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