

HP648T

Homopolymer

Description:

HP648T is a homopolymer polypropylene for injection molding applications bearing nucleation and antistatic additivation. HP648T exhibits very good flowability and good stiffness. The main applications of HP648T are thin walled injection molding applications especially in dairy and other food packaging products. HP648T is suitable for food contact.

Typical Applications

- Housewares
- TWIM Food Containers
- Dairy and other food packaging
- Opaque containers

Features: Good Flow, Good stiffness, Antistatic properties, Nucleated

Suitable for: Injection molding applications

Product Specification

PHYSICAL/MECHANICAL PROPERTIES	VALUE*	UNIT	TEST METHOD
Melt Flow Rate (230 °C, 2.16 kg)	53	g/10 min	ISO 1133
Density	0.9	g/cm ³	ISO 1183
Tensile Modulus (1 mm/min)	1600	MPa	ISO 527-1, -2
Tensile Strength at Yield (50 mm/min)	35	MPa	ISO 527-1, -2
Tensile Elongation at Break (50 mm/min)	50	%	ISO 527-1, -2
Tensile Elongation at Yield (50 mm/min)	8	%	ISO 527-1, -2
Charpy impact strength (Notch A) 23 °C	2	kJ/m ²	ISO 179
Ball indentation hardness (H 358/30)	80	MPa	ISO 2039-1
Vicat softening point A50	154	°C	ISO 306
H.D.T. B (0.45 MPa)	95	°C	ISO 75B-1, -2

* Typical values; not to be considered as product specification.