

HA701T

Homopolymer

Description:

HA701T is very high flow polypropylene type which features an extremely high stiffness, high gloss, good transparency and improved characteristics at high temperatures. It has been especially developed for TWIM applications where high flow combined with high rigidity, high gloss and very good thermal characteristics are needed. Typical applications of HA701T include food containers as well as any applications where high fluidity associated with high gloss and high stiffness are required. The composition of the product complies well with FDA norms and with regulations concerning food contact applications in major European countries.

Typical Applications

- TWIM (food containers)

Features: Very high flow, High stiffness, High gloss, Good transparency, Improved characteristics at high temperatures, Excellent dimensional stability

Suitable for: Injection molding applications

Product Specification

PHYSICAL/MECHANICAL PROPERTIES	VALUE*	UNIT	TEST METHOD
Melt Flow Rate (230 °C, 2.16 kg)	45	g/10 min	ASTM D1238
Density	0.9	g/cm ³	ASTM D1505
Flexural Modulus	2050	MPa	ASTM D790
Tensile Strength at Yield	40	MPa	ASTM D638
Tensile Elongation at Yield	6	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	28	J/m	ASTM D256
Rockwell Hardness	110	R Scale	ASTM D785
Vicat softening point (10 N)	157	°C	ASTM D1525
H.D.T. (0.46 MPa)	125	°C	ASTM D648
Accelerated oven ageing in air at 150 °C	360	h	ASTM D3012

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