

Jampilen HA701T

Polypropylene Homopolymer

Jam Polypropylene Company

Message:

Jampilen 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 Jampilen 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.

General Information			
Features	Food Contact Acceptable		
	Good Dimensional Stability		
	Good Thermal Stability		
	High Clarity		
	High Flow		
	High Gloss		
	High Rigidity		
	High Stiffness		
	Homopolymer		
Uses	Food Containers		
	Thin-walled Containers		
Agency Ratings	FDA Unspecified Rating		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	45	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	40.0	MPa	ASTM D638
Tensile Elongation (Yield)	6.0	%	ASTM D638
Flexural Modulus	2050	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	28	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	125	°C	ASTM D648
Vicat Softening Temperature	157	°C	ASTM D1525 ¹

Accelerated Oven Ageing (150°C)	360	hr	ASTM D3012
---------------------------------	-----	----	------------

NOTE

1.	Loading 1 (10 N)
----	------------------

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material
--


Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT