Adstif HA5034

High Crystallinity Polypropylene

PolyMirae

Message:

"Adstif" HA5034 is a high crystallinity polypropylene homopolymer, which features an extremely high stiffness, high gloss and maintaining mechanical properties even at high temperatures.
"Adstif" HA5034 is selected by customers for use in the production of stiff injection mouldedarticles where high rigidity is needed.
Typical applications of HA5034 include food packaging containers, housewares, small appliances and technical parts. It is typically used by customers in small appliances and automotive compounding applications where high rigidity and very good thermal characteristics are required. "Adstif" HA5034 is used in food contact.
Product Features
Very high long term heat resistance and High HDT/ High Stiffness/High CrystallizationTemperature/High surface hardness/ Good pigment dispersion
Typical Applications
Small appliances and technical parts/Rice cooker case/Microwave oven/Electric Kettle/Auto compound/Heater case/Food packaging containers/Housewares

General Information			
Features	Food Contact Acceptable High Flow High Gloss High Hardness High Heat Resistance High Rigidity High Stiffness Highly Crystalline Homopolymer		
Uses	Appliances Automotive Applications Food Packaging Household Goods White Goods & Small Appliances		
RoHS Compliance	Contact Manufacturer		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	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)	40.2	MPa	ASTM D638
Tensile Elongation (Yield)	5.0	%	ASTM D638

Flexural Modulus	2160	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	20	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	135	°C	ASTM D648

Recommended distributors for this material

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WECHAT