Moplen HA748L

High Crystallinity Polypropylene

PolyMirae

Message:

"Adstif" HA748L is a high crystallinity polypropylene homopolymer, which features an extremely high stiffness, high gloss and maintaining mechanical properties even at high temperatures.
"Adstif" HA748L is selected by customers for use in the production of stiff injection moulded articles where high rigidity is needed.
Typical applications of HP748L 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" HA748L is used in food contact.

General Information			
Features	Food Contact Acceptable High Gloss High Hardness High Heat Resistance Homopolymer Ultra High Stiffness		
Uses	Appliances Automotive Applications Engineering Parts Food Containers Food Packaging Household Goods		
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)	6.0	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale, Injection Molded)	110		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield, Injection Molded)	39.2	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	6.0	%	ASTM D638
Flexural Modulus (Injection Molded)	2210	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**

Notched Izod Impact (23°C, Injection Molded)	44	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed, Injection Molded)	130	°C	ASTM D648
Flammability	**Nominal Value**		**Test Method**
Flame Rating	HB		UL 94

Recommended distributors for this material

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