

# Adstif HA748L

Homopolymer



## Product Description

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 Adstif HA748L 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.

**Features** Long term heat stability/ High Stiffness/ High gloss/ High surface hardness/ Good pigment dispersion/ UL94 HB/ UL RTI

**Market** Consumer Products, Automotive/Compounds

**Application** Small appliances and technical parts/ Rice cooker case/ Microwave oven/ Electric Kettle/ Auto compound/ Heater case/ Food packaging containers/ Housewares

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C, 2.16kg)	5	g/10 min	ASTM D1238L
Density	0.9	g/cm <sup>3</sup>	ASTM D1505
Flexural Modulus	20000	kg/cm <sup>2</sup>	ASTM D790
Tensile Strength at Yield	390	kg/cm <sup>2</sup>	ASTM D638
Elongation at Yield	8	%	ASTM D638
Izod Impact Strength (23°C)	3	kgcm/cm	ASTM D256
Rockwell Hardness	110	R-Scale	ASTM D785
Vicat Softening Point	155	°C	ASTM D1525
HDT (0.46 N/mm <sup>2</sup> )	120	°C	ASTM D648

1) The above values are typical property values for reference only not be construed as specification limits.

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- iv. lead, asbestos or MTBE related applications.

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- v. tobacco related products and applications;
- vi. electronic cigarettes and similar devices; or
- vii. pressure pipe or fittings that are considered a part or component of a nuclear reactor

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