

## Technical Data Sheet

### Adstif HA748L



Polypropylene, Homopolymer

#### Product Description

Adstif HA748L is a high crystallinity polypropylene homopolymer with very good long term thermal stability, high stiffness, high HDT, good surface hardness, and good pigment dispersion. Typical customer applications are parts of electric appliances such as rice cooker, microwave oven, electric kettle, as well as food containers, housewares and base resin of compounds.

<b>Application</b>	Housewares; Small Appliances
<b>Market</b>	Consumer Products; Electrical / Electronics
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Thermal Aging Resistance; High Stiffness; Homopolymer

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	5	g/10 min	ASTM D1238
Density	0.90	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Flexural Modulus	2000	MPa	ASTM D790
Tensile Strength at Yield	39	MPa	ASTM D638
Tensile Elongation at Yield	8	%	ASTM D638
<b>Impact</b>			
Notched Izod Impact Strength, (23 °C)	30	J/m	ASTM D256
<b>Hardness</b>			
Rockwell Hardness, (R-Scale)	110		ASTM D785
<b>Thermal</b>			
Deflection Temperature Under Load, (0.46 N/mm <sup>2</sup> )	120	°C	ASTM D648