Technical Data Sheet

Adstif HA748L

Polypropylene, Homopolymer

Product Description

Adstif HA748L is a high crystallinity polyproylene 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.

Regulatory Status

For regulatory compliance information, see *Adstif* HA748L Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand
Application	Housewares; Small Appliances
Market	Consumer Products; Electrical / Electronics
Processing Method	Injection Molding
Attribute	Good Thermal Aging Resistance; High Stiffness; Homopolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	5	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	2000	MPa	ASTM D790
Tensile Strength at Yield	39	MPa	ASTM D638
Tensile Elongation at Yield	8	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	30	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	110		ASTM D785
Thermal			
Deflection Temperature Under Load, (0.46 N/mm²)	120	°C	ASTM D648

Manufacturer website: https://www.lyondellbasell.com/en/

Notes

These are typical property values not to be construed as specification limits.

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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