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Technical Data Sheet

Adstif HA748L

Polypropylene, Homopolymer

LYB LyondellBasell

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.

Application Housewares; Small Appliances

Market Consumer Products; Electrical / Electronics

Processing Method Injection Molding

Attribute Good Thermal Aging Resistance; High Stiffness; Homopolymer

	Nominal		
Typical Properties	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