Technical Data Sheet

Adstif HA849K

Polypropylene, Homopolymer

Product Description

Adstif HA849K is a very high stiffness and high clarity polypropylene homopolymer with very high stiffness, low odor transfer, very high heat resistance. Typical customer applications include thermoformed food containers, high barrier packaging, microwavable pacakging that are hot fillable and microwavable with good top load strength.

Regulatory Status

For regulatory compliance information, see *Adstif* HA849K Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Developmental
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand
Application	Clear Containers; Opaque Containers; Thermoformed Food Containers
Market	Consumer Products; Rigid Packaging
Processing Method	Thermoforming
Attribute	High Stiffness; Homopolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	3.5	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	2150	MPa	ASTM D790
Tensile Strength at Yield	40	MPa	ASTM D638
Tensile Elongation at Yield	7	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	30	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load	128	°C	ASTM D648

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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