Technical Data Sheet

Adstif HA686J

Polypropylene, Homopolymer

Product Description

Adstif HA686J is a new generation thermoforming grade with improved processability in stretchability, and end use stiffness, impact strength, HDT and clarity. Typical cutomer applications are containers made by solid phase pressure forming (SPPF) / thermoforming or blow molding, such as drinking cups, yogurt cups, noodle cups, margarine tubs, dairy cups, trays and bottles for food, that can be hot fillable or microwavable for reheating of food.

Regulatory Status

For regulatory compliance information, see *Adstif* HA686J Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand
Application	Clear Containers; Opaque Containers
Market	Consumer Products; Rigid Packaging
Processing Method	Thermoforming
Attribute	High Clarity; High Stiffness; Homopolymer; Low Odor Transfer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	3	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	1780	MPa	ASTM D790
Tensile Strength at Yield	37	MPa	ASTM D638
Tensile Elongation at Yield	10	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	50	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	108		ASTM D785
Thermal			
Deflection Temperature Under Load	125	°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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