

Adstif HA686J

Homopolymer



Product Description

Adstif HA686J is a high crystalline polypropylene homopolymer manufactured by PMC under the license of Lyondellbasell using the Spheripol process. Adstif HA686J is particularly suitable for sheet and thermoforming with good stiffness and heat resistance properties. Adstif HA686J resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

Features High stiffness/ Good top load strength/ Good clarity/ Good processability with stretchability / Low odor / Hot-fillable and microwavable

Market Consumer Products, Rigid Packaging

Application Drinking cups/ Yogurt cups/ Noodle cups/ Margarine tubs/ Dairy cups/ Various trays for food/ EBM bottle

ASTM Data

Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C, 2.16kg)	3	g/10 min	ASTM D1238L
Density	0.9	g/cm ³	ASTM D1505
Flexural Modulus	17800	kg/cm ²	ASTM D790
Tensile Strength at Yield	370	kg/cm ²	ASTM D638
Elongation at Yield	10	%	ASTM D638
Izod Impact Strength (23°C)	5	kgcm/cm	ASTM D256
Rockwell Hardness	108	R-Scale	ASTM D785
Vicat Softening Point	150	°C	ASTM D1525
HDT (0.46 N/mm ²)	125	°C	ASTM D648

1) The above values are typical property values for reference only not be construed as specification limits.

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