

Adstif HA686J

Polypropylene Homopolymer
PolyMirae

Message:

Adstif HA686J is a New Generation Thermoforming Grade for SPPF made by Basell's "new process and additive formulation technology". So, this product shows higher stiffness, impact strength, HDT, and better clarity than General Homo T/F grade. In addition, because Adstif HA686J is Homo PP, this product has better stretchability than General Homo T/F grade [So, suitable for SPPF (Solid Phase Pressure Forming) T/F application]. Adstif HA686J resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

General Information	
Features	Food Contact Acceptable
	Good Processability
	High Impact Resistance
	High Stiffness
	Homopolymer
	Low Taste Transfer
	Low to No Odor
	Medium Clarity
Uses	Bottles
	Cups
	Food Packaging
Agency Ratings	FDA 21 CFR 177.1520
RoHS Compliance	Contact Manufacturer
Processing Method	Solid Phase Press. Form. Thermoforming
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, Injection Molded)	108		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	36.3	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	10	%	ASTM D638
Flexural Modulus (Injection Molded)	1750	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method


Notched Izod Impact (23°C, Injection Molded)	47	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Injection Molded)	125	°C	ASTM D648

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