

## 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 customer 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.

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

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	3	g/10 min	ASTM D1238
Density	0.90	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Flexural Modulus	1780	MPa	ASTM D790
Tensile Strength at Yield	37	MPa	ASTM D638
Tensile Elongation at Yield	10	%	ASTM D638
<b>Impact</b>			
Notched Izod Impact Strength, (23 °C)	50	J/m	ASTM D256
<b>Hardness</b>			
Rockwell Hardness, (R-Scale)	108		ASTM D785
<b>Thermal</b>			
Deflection Temperature Under Load	125	°C	ASTM D648