

## 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 packaging that are hot fillable and microwavable with good top load strength.

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

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	3.5	g/10 min	ASTM D1238
Density	0.90	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Flexural Modulus	2150	MPa	ASTM D790
Tensile Strength at Yield	40	MPa	ASTM D638
Tensile Elongation at Yield	7	%	ASTM D638
<b>Impact</b>			
Notched Izod Impact Strength, (23 °C)	30	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load	128	°C	ASTM D648