



## Adstif HA843K

### Polypropylene, Homopolymer

#### Product Description

Adstif HA843K is a high stiffness homopolymer with high transparency, can be processed by extrusion. Typical Applications include thermoforming of drinking cups, multilayer trays and microwavable trays. Due to its high Heat Distortion Temperature, Adstif HA843K can be used in hot-filled applications.

#### Product Characteristics

<b>Status</b>	Commercial: Deactivating
<b>Test Method used</b>	ASTM
<b>Availability</b>	Asia-Pacific, Australia/NZ, Africa-Middle East
<b>Processing Methods</b>	Extrusion Thermoforming
<b>Features</b>	Homopolymer, High Stiffness
<b>Typical Customer Applications</b>	Clear Containers, Opaque Containers

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density -Specific Gravity	ASTM D 792	0.90	g/cm <sup>3</sup>
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	3.5	g/10 min
<b>Mechanical</b>			
Flexural Modulus	ASTM D 790	2100	MPa
Tensile Strength @ Yield	ASTM D 638	38	MPa
Tensile Elongation @ Yield	ASTM D 638	7	%
<b>Impact</b>			
Notched Izod Impact (23 °C)	ASTM D 256	25	J/m
<b>Thermal</b>			
Heat deflection temperature at 0.46 N/mm <sup>2</sup>	ASTM D 648	115	°C

#### Notes

Typical properties; not to be construed as specifications.