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## **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**

Test Method used ASTM

**Processing Methods** Extrusion Thermoforming

**Features** Homopolymer, High Stiffness

**Typical Customer Applications** Clear Containers, Opaque Containers

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.90	g/cm³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	3.5	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	2100	MPa
Tensile Strength @ Yield	ASTM D 638	38	MPa
Tensile Elongation @ Yield	ASTM D 638	7	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	25	J/m
Thermal			
Heat deflection temperature at 0.46 N/mm2	ASTM D 648	115	°C