



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/cm ³
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/mm ²	ASTM D 648	115	°C