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

Application Clear Containers; Opaque Containers; Thermoformed Food Containers

Market Consumer Products; Rigid Packaging

Processing Method Thermoforming

Attribute High Stiffness; Homopolymer

	Nominal		
Typical Properties	Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	3.5	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	2150	MPa	ASTM D790
Tensile Strength at Yield	40	MPa	ASTM D638
Tensile Elongation at Yield	7	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	30	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load	128	°C	ASTM D648