

Technical Data Sheet

*Adstif*HA802H

Polypropylene, Homopolymer

Product Description

*Adstif*HA802H polypropylene is available in pellet form. This resin is typically used in film, thermoforming and compounding applications requiring high stiffness and high temperature resistance.

Application	Containers; Specialty Film
Market	Compounding; Flexible Packaging; Rigid Packaging
Processing Method	BOPP; Compounding; Thermoforming
Attribute	High Heat Resistance; High Stiffness

Typical Properties	Nominal Value	English Units	Nominal Value	SI Units	Test Method
Physical					
Melt Flow Rate, (230 °C/2.16 kg)	2.3	g/10 min	2.3	g/10 min	ASTM D1238
Density, (23 °C)	0.90	g/cm ³	0.90	g/cm ³	ASTM D792
Mechanical					
Flexural Modulus					
(0.05 in/min, 1% Secant, Procedure A)	275000	psi			ASTM D790
(1.3 mm/min, 1% Secant, Procedure A)			1900	MPa	ASTM D790
Tensile Strength at Yield					
(2 in/min)	5400	psi			ASTM D638
(50 mm/min)			37	MPa	ASTM D638
Tensile Elongation at Yield	8	%	8	%	ASTM D638
Impact					
Notched Izod Impact Strength					
(73 °F, Method A)	0.7	ft-lb/in			ASTM D256
(23 °C, Method A)			37	J/m	ASTM D256
Thermal					
Deflection Temperature Under Load					
(66 psi, Unannealed)	219	°F			ASTM D648
(0.45 MPa, Unannealed)			104	°C	ASTM D648