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.

Regulatory Status

For regulatory compliance information, see *Adstif* HA802H Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	North America
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/cm³	0.90	g/cm³	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

Manufacturer website: https://www.lyondellbasell.com/en/

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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