

# Adstif HA622H



Polypropylene, Homopolymer

## Product Description

Adstif HA622H is a high crystallinity polypropylene homopolymer. It does not contain any slip, anti-blocking or Calcium Stearate additives.

Adstif HA622H is designed for the production of biaxially oriented polypropylene films (BOPP). It is used by customers for a broad range of applications including metallizable films and both plain and coextruded structures.

Adstif HA622H offers good optical properties, increased film rigidity and barrier properties.

## Regulatory Status

For regulatory compliance information, see Adstif HA622H [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

<b>Status</b>	Commercial: Active
<b>Availability</b>	Africa-Middle East; Europe
<b>Application</b>	Barrier Film; Food Packaging Film
<b>Market</b>	Flexible Packaging
<b>Processing Method</b>	BOPP
<b>Attribute</b>	High Gloss; Homopolymer; Metallizeable

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	2.0	g/10 min	ISO 1133-1
Density	0.900	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Flexural Modulus	1750	N/mm <sup>2</sup>	ISO 178
Tensile Stress at Break, (23 °C, 50 mm/min)	23	N/mm <sup>2</sup>	ISO 527-1, -2
Tensile Stress at Yield, (23 °C, 50 mm/min)	36	N/mm <sup>2</sup>	ISO 527-1, -2
Tensile Strain at Break, (23 °C, 50 mm/min)	>500	%	ISO 527-1, -2
Tensile Strain at Yield, (23 °C, 50 mm/min)	10	%	ISO 527-1, -2
<b>Hardness</b>			
Shore Hardness, (Shore D)	71		ISO 868
<b>Thermal</b>			
Vicat Softening Temperature, (A50)	160	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	105	°C	ISO 75B-1, -2
<b>Optical</b>			
Haze	0.60	%	ASTM D1003

## 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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