

Technical Data Sheet



Adstif HA862V

Polypropylene, Homopolymer

Product Description

Adstif HA862V is a very high melt flow, nucleated polypropylene homopolymer available in pellet form. This resin is typically used in high-speed injection molding of thin-walled parts, and as a building block for compounded applications that require high flow and high stiffness.

Regulatory Status

For regulatory compliance information, see Adstif HA862V [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Application	Colour Concentrates; Polymer Modifier; TPO Compounding; TWIM Food Containers
Market	Automotive; Compounding; Rigid Packaging
Processing Method	Compounding; Injection Molding
Attribute	Fast Cycle (Production); High Flow; 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)	115	g/10 min	115	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)	320000	psi			ASTM D790
(1.3 mm/min, 1% Secant, Procedure A)			2200	MPa	ASTM D790
Tensile Stress at Break					
(2 in/min)	5700	psi			ASTM D638
(50 mm/min)			39	MPa	ASTM D638
Tensile Stress at Yield	No Yield		No Yield		ASTM D638
Tensile Elongation at Break	3.3	%	3.3	%	ASTM D638
Tensile Elongation at Yield	No Yield		No Yield		ASTM D638
Impact					
Notched Izod Impact Strength, (23 °C)	0.2	ft-lb/in	11	J/m	ASTM D256
Thermal					
Deflection Temperature Under Load					
(66 psi, Unannealed)	270	°F			ASTM D648
(0.45 MPa, Unannealed)			132	°C	ASTM D648



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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