Technical Data Sheet

Adstif HA5029

Polypropylene, Homopolymer

Product Description

Adstif HA5029 is a high crystallinity polypropylene homopolymer wth extremely high stiffness, high flowability, high gloss, high HDT, and has long term heat resistance. Typical customer applications are parts for electrical appliances such as electric kettle, coffee maker, electric fan housing, and also for TWIM and food containers. It is also used by customers for parts of automotive interior trim.

Regulatory Status

For regulatory compliance information, see *Adstif* HA5029 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand
Application	Housewares; Small Appliances
Market	Consumer Products; Electrical / Electronics
Processing Method	Injection Molding
Attribute	Good Processability; Good Thermal Aging Resistance; High Stiffness; Homopolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	65	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	2200	MPa	ASTM D790
Tensile Strength at Yield	41	MPa	ASTM D638
Tensile Elongation at Yield	6	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	20	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	117		ASTM D785
Thermal			
Deflection Temperature Under Load, (0.46 N/mm²)	140	°C	ASTM D648

Manufacturer website: https://www.polymirae.com/

Notes

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

Company Information

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

© LyondellBasell Industries Holdings, B.V. 2026

Disclaimer

Information in this document is accurate to the best of our knowledge at the date of publication. The document is designed to provide users general information for safe handling, use, processing, storage, transportation, disposal and release and does not constitute any warranty or quality specification, either express or implied, including any warranty of merchantability or fitness for any particular purpose. Users shall determine whether the product is suitable for their use and can be used safely and legally.

In addition to any prohibitions of use specifically noted in this document, LyondellBasell may further prohibit or restrict the sale of its products into certain applications. For further information, please contact a LyondellBasell representative.

Trademarks

The Trademark referenced within the product name is owned or used by the LyondellBasell family of companies.