

Technical Data Sheet

Polyfort POLYPROPYLENE PP 3486-01



Polypropylene, Homopolymer

Product Description

PP 3486-01 is a special homopolymer polypropylene designed with a long term heat aging formula for appliance applications.

Regulatory Status

For regulatory compliance information, see POLYPROPYLENE PP 3486-01 NATURAL [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Discontinued
Availability	Asia-Pacific; North America
Processing Method	Compounding; Extrusion; Injection Molding
Attribute	Good Heat Aging Resistance; Homopolymer
Forms	Pellets
Application	Appliances

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	5.0	g/10 min	ASTM D1238
Density - Specific Gravity	0.9	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield	9	%	ASTM D638
Tensile Strength at Yield	36.5	MPa	ASTM D638
Flexural Modulus	1450	MPa	ASTM D790
Impact			
Notched Izod Impact	27	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	90		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	55	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	100	°C	ASTM D648
Melting Temperature	160	°C	

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/>.

© LyondellBasell Industries Holdings, B.V. 2018

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.