

Technical Data Sheet

***Icorene* HD0205L A09010 WHITE**



High Density Polyethylene

Product Description

Icorene HD0205L A09010 WHITE is a Polyethylene, High Density material. Features include: High Density.

Attribute	High Density
Forms	Pellets

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	12	g/10 min	ASTM D1238
Density - Specific Gravity	0.953	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield	10	%	ASTM D638
Tensile Strength at Yield	27	MPa	ASTM D638
Tensile Strength at Break	11	MPa	ASTM D638
Flexural Modulus	800	MPa	ASTM D790
Tensile Elongation at Break	300	%	ASTM D638
Tensile Modulus	1100	MPa	ASTM D638
Flexural Strength	22	MPa	ASTM D790
Impact			
Notched Izod Impact	52	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	52		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	69	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	47	°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/>.

© 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.