

(+) 18816996168

Ponciplastics.com

## Technical Data Sheet

### *icorene* HD0235G30CD1A13741BLK



High Density Polyethylene

#### Product Description

*icorene* HD0235G30CD1A13741BLK is a Polyethylene, High Density Glass Fiber, 30% filled material.

**Forms** Pellets  
**Filler/Reinforcement** Glass Fiber, 30%

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate	3	g/10 min	ASTM D1238
Density - Specific Gravity	1.18	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength at Yield	36	MPa	ASTM D638
Flexural Modulus	4200	MPa	ASTM D790
Tensile Elongation at Break	2	%	ASTM D638
Tensile Modulus	4200	MPa	ASTM D638
Flexural Strength	42	MPa	ASTM D790
<b>Impact</b>			
Unnotched Izod Impact, (3.18 mm)	110	J/m	ASTM D4812
Notched Izod Impact, (3.18 mm)	50	J/m	ASTM D256
<b>Hardness</b>			
Rockwell Hardness, (R-Scale)	75		ASTM D785
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (264 psi)	110	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	130	°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.