

## 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
<b>Physical</b>			
Melt Flow Rate, (190 °C/2.16 kg)	12	g/10 min	ASTM D1238
Density - Specific Gravity	0.953	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
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
<b>Impact</b>			
Notched Izod Impact	52	J/m	ASTM D256
<b>Hardness</b>			
Rockwell Hardness, (R-Scale)	52		ASTM D785
<b>Thermal</b>			
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/>.

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