

# Icorene HD0205L A09010 WHITE

## LyondellBasell Industries - High Density Polyethylene

### General Information

#### Product Description

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

#### General

Features	• High Density
Forms	• Pellets

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.955		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	160000	psi	ASTM D638
Tensile Strength (Yield)	3920	psi	ASTM D638
Tensile Strength (Break)	1600	psi	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Flexural Modulus	116000	psi	ASTM D790
Flexural Strength	3190	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.97	ft·lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	52		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	117	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	156	°F	ASTM D648