

Icorene HD0204UVLB13387BWN

LyondellBasell Industries - High Density Polyethylene

General Information

Product Description

Icorene HD0204UVLB13387BWN is a Polyethylene, High Density material. Features include: High Density, and UV Resistant.

General

Additive	• UV Stabilizer		
Features	• High Density	• UV Resistant	• UV Stabilized
Forms	• Pellets		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.953		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	145000	psi	ASTM D638
Tensile Strength (Yield)	3770	psi	ASTM D638
Tensile Strength (Break)	2030	psi	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Tensile Elongation (Break)	500	%	ASTM D638
Flexural Modulus	116000	psi	ASTM D790
Flexural Strength	3050	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.5	ft·lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	50		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	190	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	113	°F	ASTM D648