

Icorene PE 50 0863 6386 UVYEW

LyondellBasell Industries - High Density Polyethylene

General Information

Product Description

Icorene PE 50 0863 6386 UVYEW is a Polyethylene, High Density material. Features include: Food Contact Acceptable, and High Density.

General

Features	<ul style="list-style-type: none"> • Food Contact Acceptable • High Density
Uses	<ul style="list-style-type: none"> • Non-specific Food Applications
Forms	<ul style="list-style-type: none"> • Pellets

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.963	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) ² (190°C/2.16 kg)	8.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	4340	psi	ASTM D638
Tensile Elongation (Break)	1000	%	ASTM D638
Flexural Modulus ³	200000	psi	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Tensile Impact Strength	48.1	ft-lb/in ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-105	°F	ASTM D746
Vicat Softening Temperature	381	°F	ASTM D1525

Notes

¹ Typical properties: these are not to be construed as specifications.

² Procedure A

³ Method I (3 point load)