

Technical Data Sheet

***Icorene* PE 50 0863 6386 UVYEW**



High Density Polyethylene

Product Description

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

Attribute	Food Contact Acceptable; High Density
Forms	Pellets
Application	Non-specific Food Applications

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/2.16 kg, Procedure A)	8.5	g/10 min	ASTM D1238
Density	0.963	g/cm ³	ASTM D1505
Mechanical			
Tensile Strength at Yield	29.9	MPa	ASTM D638
Flexural Modulus, (Procedure B, Method I (3 point load))	1380	MPa	ASTM D790
Tensile Elongation at Break	1000	%	ASTM D638
Impact			
Ductile/Brittle Transition Temperature	-76.1	°C	ASTM D746
Tensile Impact Strength	101	kJ/m ²	ASTM D1822
Thermal			
Vicat Softening Temperature	194	°C	ASTM D1525

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.