HK:+852-69575415 China GuangDong:+13538586433 ShangHai:+18816996168

Technical Data Sheet

Icorene N4435

Polypropylene Homopolymer
LyondellBasell Industries
Custom Powders

Product Description

ICORENE® N4435 is a polypropylene homopolymer with a high fluidity.

This grade is suitable for masterbatch applications.

General

Additive	• No Additive Specified	• Antioxidant	
Features	• Good Processability • High Clarity	• High Flow • High Gloss	• Homopolymer
Uses	• Masterbatch		
Agency Ratings	• EU Food Contact	• FDA Food Contact	
Forms	• Powder		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.905 g/cm³	0.905 g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°c/2.16 Kg)	35 g/10 min	35 g/10 min	ASTM D1238
Mechanical	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Tensile Strength (Yield)	5220 psi	36.0 MPa	ASTM D638
Tensile Elongation (Yield)	10 %	10 %	ASTM D638
Flexural Modulus	261000 psi	1800 MPa	ASTM D790
Impact	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Notched Izod Impact (73°f (23°c))	0.45 ft·lb/in	24 J/m	ASTM D256
Thermal	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Deflection Temperature Under Load			ISO 75-2/B
66 Psi (0.45 Mpa), Unannealed	230 °F	110 °C	
Vicat Softening Temperature	311 °F	155 °C	ASTM D1525 [1]

Notes

[1] Rate B (120°C/h), Loading 2 (50 N)

Notes

These are typical property values not to be construed as specification limits.