

# ICORENE® N2105

Low Density Polyethylene

ICO Polymers EMEA, A Division of A. Schulman

## Message:

ICORENE® N2105 is a low density polyethylene resin suitable for general purposes. It is characterized by good toughness and flexibility. It is successfully used for compound and masterbatch applications due to its excellent fluidity.

General Information			
Features	Food Contact Acceptable		
	General Purpose		
	Good Flexibility		
	Good Flow		
	Good Toughness		
Uses	Compounding		
	Masterbatch		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Density	0.917	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	21	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	44		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	10.0	MPa	ASTM D638
Tensile Elongation (Break)	120	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	82.0	°C	ASTM D1525
Peak Melting Temperature	106	°C	ASTM D3418

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## Recommended distributors for this material

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WECHAT