

ICORENE® N2100

Low Density Polyethylene

ICO Polymers EMEA, A Division of A. Schulman

Message:

CORENE® N2100 is a low density polyethylene resin designed for the production of medium/high voltage power cable insulation, blown film extrusion. ICORENE® N2100 is characterized by a good balance between processability, mechanical and optical properties.

General Information			
Features	Good Processability		
	Opticals		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	46		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	10.0	MPa	ASTM D638
Tensile Elongation (Break)	650	%	ASTM D638
Flexural Modulus	200	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	90.0	°C	ASTM D1525
Peak Melting Temperature	110	°C	ASTM D3418

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Recommended distributors for this material

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