

ICORENE® N2301

Linear Low Density Polyethylene

ICO Polymers EMEA, A Division of A. Schulman

Message:

ICORENE® N2301 is a premium linear low density polyethylene which offers excellent stiffness and good environmental stress crack resistance.

General Information			
Additive	Heat Stabilizer		
Features	Good Stiffness		
	Heat Stabilized		
	High ESCR (Stress Crack Resist.)		
Uses	Masterbatch		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (50°C, 10% Igepal)	30.0	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	12.0	MPa	ASTM D638
Tensile Elongation (Break)	150	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	94.0	°C	ASTM D1525
Peak Melting Temperature	123	°C	ASTM D3418

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WECHAT