

# ICORENE® N2308

Medium Density Polyethylene

A. Schulman Europe

## Message:

ICORENE® N2308 is a medium density polyethylene produced by slurry loop low pressure process with hexene as co-monomer.

It contains antioxidant stabilizers and has excellent mechanical properties.

It can be used alone, or blended or co-extruded in a wide variety of blown film applications.

General Information			
Features	Antioxidation		
	Workability, good		
Uses	Blown Film		
	cast film		
	Masterbatch		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Density	0.934	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.15	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress <sup>1</sup>			ISO 527-3
Yield, 0.0200mm	19.0	MPa	ISO 527-3
Fracture, 0.0200mm	52.0	MPa	ISO 527-3
Tensile Strain <sup>2</sup> (fracture, 0.0200mm)	500	%	ISO 527-3
Flexural Modulus <sup>3</sup>	620	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	118	°C	ISO 306 <sup>4</sup>
Peak Melting Temperature	125	°C	ISO 11357-1, -2, -3
NOTE			
1.	Obtained on cast film		
2.	Obtained on cast film		
3.	0.25% Max		
4.	速率 A (50°C/h), 压力1 (10N)		

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