

ICORENE® N2803

High Density Polyethylene

ICO Polymers EMEA, A Division of A. Schulman

Message:

ICORENE® N2803 is a premium HDPE powder characterized by an excellent dimensional stability, impact strength and a high stiffness. This grade is recommended for use in masterbatch.

General Information			
Features	Food Contact Acceptable		
	Good Dimensional Stability		
	High Impact Resistance		
	High Stiffness		
Uses	Masterbatch		
Agency Ratings	EU Food Contact, Unspecified Rating		
	FDA Food Contact, Unspecified Rating		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Density	0.964	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.0	MPa	ASTM D638
Tensile Elongation (Break)	> 100	%	ASTM D638
Flexural Modulus	1100	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	134	°C	ASTM D3418

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Recommended distributors for this material

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WECHAT