

ICORENE® N2807

High Density Polyethylene

ICO Polymers EMEA, A Division of A. Schulman

Message:

ICORENE® N2807 is a premium high density polyethylene UV stabilized powder with high stiffness and high impact strength.

General Information			
Features	Good Processability		
	Good UV Resistance		
	High Impact Resistance		
	High Stiffness		
Uses	Automotive Interior Trim		
	Carpet Backing		
	Masterbatch		
Agency Ratings	EU Unspecified Rating		
	FDA Unspecified Rating		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	64		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	25.0	MPa	ISO 527
Tensile Elongation (Break)	> 1000	%	ISO 527
Flexural Modulus	900	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	121	°C	ISO 306 ¹
NOTE			
1.	Loading 1 (10 N)		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

