

ICORENE® N4505

Polypropylene Random Copolymer

ICO Polymers EMEA, A Division of A. Schulman

Message:

ICORENE® N4505 is a random copolymer offers a very low heat seal temperature. This great is primarily developed for sealing applications.

General Information			
Features	Random Copolymer		
Uses	Seals		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Density	0.895	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	20.0	MPa	ASTM D638
Flexural Modulus	620	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	55.0	°C	ISO 75-2/B
Vicat Softening Temperature	105	°C	ISO 306 ¹
Melting Temperature	131	°C	ASTM D3417
NOTE			

1. Loading 1 (10 N)

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Recommended distributors for this material

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