

ICORENE® N6404

General Purpose Polystyrene

ICO Polymers EMEA, A Division of A. Schulman

Message:

ICORENE® N6404 is a general purpose polystyrene grade. It is an easy flowing crystal polystyrene.

General Information			
Features	Crystal		
	High Flow		
	High Gloss		
	High Heat Resistance		
Uses	Masterbatch		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	21	g/10 min	ISO 1133
Molding Shrinkage	0.40 to 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	40.0	MPa	ISO 527-2/50
Tensile Strain (Break)	2.0	%	ISO 527-2/50
Flexural Stress ¹	70.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	84.0	°C	ISO 306/B
NOTE			
1.	2.0 mm/min		

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Recommended distributors for this material

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WECHAT