

# ICORENE® N6502

High Impact Polystyrene

ICO Polymers EMEA, A Division of A. Schulman

## Message:

ICORENE® N6502 is a high impact polystyrene grade with verygood flow properties.  
It has a high rigidity whilst displaying a very good surface gloss.

General Information			
Features	High Flow		
	High Gloss		
	High Impact Resistance		
	High Rigidity		
Uses	Caps		
	Containers		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	21	g/10 min	ISO 1133
Molding Shrinkage	0.50 to 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	30.0	MPa	ISO 527-2/50
Tensile Strain (Break)	35	%	ISO 527-2/50
Flexural Stress <sup>1</sup>	46.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m <sup>2</sup>	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature <sup>2</sup>	81.0	°C	ISO 306/B50
NOTE			
1.	2.0 mm/min		
2.	Oil		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

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

