

## Technical Data Sheet

***Icorene* N6408-1200 NAT 0000**

Polystyrene, General Purpose

**Product Description**

*Icorene* N6408 is a general purpose polystyrene grade, with high flow and free of Zinc Stearate. This grade is suitable for masterbatch applications.

<b>Attribute</b>	Crystal; High Flow; High Gloss; High Heat Resistance
<b>Forms</b>	Powder
<b>Application</b>	Masterbatch

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Melt Volume Flow Rate, (200 °C/5.0 kg)	28	cm <sup>3</sup> /10 min	ISO 1133
Density	1.05	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
Tensile Strain at Break, (50 mm/min)	1.5	%	ISO 527-2
Tensile Stress at Break, (50 mm/min)	40.0	MPa	ISO 527-2
<b>Impact</b>			
Charpy Impact Strength - Unnotched, (23 °C)	5.0	kJ/m <sup>2</sup>	ISO 179-1/1eA
<b>Thermal</b>			
Vicat Softening Temperature, (B (50N), 50 °C/h, ISO 306)	101	°C	ISO 306