

## Technical Data Sheet

### *Icorene* N7131 WHI 1012

Polyethylene, Unspecified

#### Product Description

*Icorene* N7131 is a polyethylene based coating powder designed for encapsulating wire goods. Compared with standard powders, this grade will have improved flow behaviour, process faster and enable users to make savings through thinner coatings achieved at lower oven temperatures. This grade is used for fluidized bed coating applications by manual dip coating.

Attribute	Good Abrasion Resistance; Good Flow; Good Processability
Forms	Powder
Appearance	Unspecified Color
Application	Coating Applications; Industrial Applications; Wire & Cable

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Density	0.924	g/cm <sup>3</sup>	ASTM D1505
<b>Mechanical</b>			
Tensile Strength at Yield	8	MPa	ASTM D638
Tensile Elongation at Break	>500	%	ASTM D638
<b>Impact</b>			
Ductile/Brittle Transition Temperature	-70	°C	ASTM D746
<b>Hardness</b>			
Durometer Hardness, (Shore D)	49		ASTM D2240
<b>Thermal</b>			
Peak Melting Temperature	118	°C	ASTM D3418