

## Technical Data Sheet

### *Icorene* 4014 WHI 1001



Polypropylene Copolymer

#### Product Description

*Icorene* 4014 is a polypropylene copolymer that has been specifically developed for rotational moulding. This grade is UV stabilised and suitable for applications requiring high stiffness and high temperature resistance.

<b>Processing Method</b>	Rotomolding
<b>Attribute</b>	High Heat Resistance; High Stiffness; UV Resistant
<b>Forms</b>	Powder
<b>Appearance</b>	Natural Color; Unspecified Color
<b>Additive</b>	UV Stabilizer
<b>Application</b>	Automotive Under the Hood; High Temperature Applications; Tanks

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	15	g/10 min	ASTM D1238
Density	0.9	g/cm <sup>3</sup>	ASTM D1505
<b>Mechanical</b>			
Tensile Strength at Yield	24	MPa	ASTM D638
Flexural Modulus	1150	MPa	ASTM D790
<b>Impact</b>			
Charpy Impact Strength - Notched, (23 °C)	8.2	kJ/m <sup>2</sup>	ISO 179
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (264 psi)	50	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	90	°C	ASTM D648