

## Technical Data Sheet

### *Icorene* 9402 NATURAL 0000

Thermoplastic Elastomer

#### Product Description

*Icorene* 9402 is a thermoplastic elastomer specifically developed for rotational moulding in collaboration with API Spa. This grade offers optimum cold and hot elasticity with UV resistance. It has an excellent appearance with excellent soft touch properties. *Icorene* 9402 is a tough material which will not break @ -40°C impact strength.

Processing Method	Rotomolding
Attribute	High Elasticity; Soft; UV Resistant
Forms	Powder
Appearance	Natural Color; Unspecified Color
Additive	UV Stabilizer
Application	Furniture; High Temperature Applications; Outdoor Furnishings

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (220 °C/2.16 kg)	30	g/10 min	ISO 1133
Density	0.89	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
Tensile Elongation at Yield	30	%	ASTM D638
Tensile Strength at Break	>8.00	MPa	ASTM D638
Tensile Strain at Break	>2000	%	ASTM D638
Flexural Modulus	100	MPa	ASTM D790
<b>Hardness</b>			
Durometer Hardness, (Shore A)	74		ASTM D2240