

Technical Data Sheet

Icorene 9468 NAT 0000



Thermoplastic Copolyester Elastomer

Product Description

Icorene 9468 is a versatile thermoplastic copolyester elastomer. This grade combines resilience, heat and chemical resistance with strength and durability.

Processing Method	Rotomolding
Attribute	Good Chemical Resistance; High Elasticity
Forms	Powder
Appearance	Natural Color
Application	Automotive Applications; Automotive Under the Hood; High Temperature Applications

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (220 °C/2.16 kg)	8.5	g/10 min	ISO 1133
Density	1.11	g/cm ³	ISO 1183
Mechanical			
Tensile Creep Modulus 1000h	21.0	MPa	ISO 899-1
Tensile Creep Modulus 1h	28.0	MPa	ISO 899-1
Tensile Strain at Break	>300	%	ISO 527-2
Flexural Modulus	45.0	MPa	ISO 178
Tensile Stress at Break	29.0	MPa	ISO 527-2
Hardness			
Shore Hardness, (Shore D)	37		ISO 868
Thermal			
Melting Temperature	193	°C	DSC