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Technical Data Sheet

Ronfalin SAN 4701 GF35 NAT



Styrene Acrylonitrile

Product Description

35% glass fiber reinforced, High Heat resistant SAN compound

Processing Method Injection Molding

Attribute Good Dimensional Stability; High Strength

Filler/Reinforcement Glass Fiber, 35%

Resin ID SAN-GF

Typical Properties	Nominal Value	Units	Test Method
Mechanical			
Tensile Strain at Break, (Type 1A, 5 mm/min)	1.0	%	ISO 527-2
Tensile Stress at Break, (Type 1A, 5 mm/min)	96.0	MPa	ISO 527-2
Impact			
Charpy Impact Strength - Notched, (-30 °C, Type 1, Edgewise, Notch A)	3.0	kJ/m ²	ISO 179
Charpy Impact Strength - Unnotched, (-30 °C, Type 1, Edgewise)	9.0	kJ/m ²	ISO 179
Hardness			
Ball Indentation Hardness, (H 358/30)	77.0	MPa	ISO 2039-1
Thermal			
Vicat Softening Temperature, (B (50N), 50 °C/h)	120	°C	ISO 306