

Technical Data Sheet

Icorene N9702-2000 NAT

Polyurethane (Polyester based)

Product Description

Icorene N9702 is a prime quality aromatic polyester-based thermoplastic polyurethane (TPU). This material is usually supplied as a coarse powder for use in masterbatch applications. Drying at 80C is recommended prior to extrusion.

Attribute	Good Abrasion Resistance
Forms	Powder

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density	1.2	g/cm ³	ISO 1183
Mechanical			
Tensile Strain at Break	600	%	ISO 527-2
Tensile Stress at Break	46	MPa	ISO 527-2
Hardness			
Shore Hardness, (Shore A)	87		ISO 868
Thermal			
Vicat Softening Temperature, (B (50N))	75.0	°C	ISO 306