

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 | | | Test Method |
|--|---------|-------------------|--|-------------|
| | Value | Units | | |
| 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 |