

Technical Data Sheet

Icorene N9201-1000 NAT 0000



Polyethylene Terephthalate

Product Description

Icorene N9201 is a clear, amorphous copolyester material (PET). This grade is useful in a variety of processing techniques including film and sheet extrusion because of its clarity, toughness and good melt strength at processing temperatures.

Processing Method	Compounding
Attribute	Amorphous; Good Melt Strength; Good Toughness; High Clarity; High Flow
Forms	Powder
Appearance	Clear/Transparent
Application	Film; Masterbatch; Sheet

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density	1.27	g/cm ³	ISO 1183
Mechanical			
Tensile Strength at Yield	50	MPa	ASTM D638
Flexural Modulus	2100	MPa	ASTM D790
Tensile Elongation at Break	130	%	ASTM D638
Thermal			
Vicat Softening Temperature	85	°C	ISO 306
Deflection Temperature Under Load Unannealed (0.45 MPa)	70.0	°C	ASTM D648
Glass Transition Temperature, (Internal Method)	80.0	°C	ASTM E1356
Optical			
Light Transmittance	89	%	ASTM D1003