

TECHNICAL DATASHEET



SNT Solution GmbH

Polyamide 6

Unreinforced, Nature Color, Good Flow

General

Material Status	Commercial:	Active
Reinforcement	• None	
Features	• Stabilized • Nature Color	• Highly Reflectiv • Good Flow
Uses	• Construction Application • Electronic Application	• Automotive Applications
RoHS Compliance	• RoHS Compliant	
Appearance	• Translucent White	
Forms	• Pellets	
Processing Method	• Injection molding	• Compounding

Physical

	Typical Value Unit	Test Method
Density/Specific Gravity	1.156 g/m ³	GB1033-86
Relative Viscosity	2.80(±0.05)	Q/JBTN 001-2011
Monomer content	<0.3% %	Q/JBTN 001-2011
Content of moisture	<0.07% %	Q/JBTN 001-2011

Mechanical

	Typical Value Unit	Test Method
Tensile Strength	60.7 Mpa	GB1040-92
Breaking Extension	48.1 %	GB1040-92
Flexural Modules		GB9341-88
—	86.6 Mpa	
—	2087 Mpa	
Rigidity	72.2 R-Scale	GB9341-88
Notch Impact	20.1 KJ/m ³	GB9341-88
Mould Shrinkage	0.93 %	GB/T1043-93

Thermal

	Typical Value Unit
Melting Point	215-220 °C
Heat deflection temperature	71 °C

Electrical

	Typical Value Unit	Test Method
Permittivity	0.65	GB1044-70

Product Packaging

25kgs Bag

Storage

Particular attention should also be paid to a cool and dry storage and protection from sunlight.

Storage time of 12 months should not be exceeded. Goods should be dried before use.
