

Polyamide 6

SN0800BYS

General

Material Status	Commercial:	Active
Reinforcement	<ul style="list-style-type: none"> • None 	
Features	<ul style="list-style-type: none"> • Stabilized • Nature Color 	<ul style="list-style-type: none"> • Highly Reflectiv • Good Flow
Uses	<ul style="list-style-type: none"> • Construction Application • Electronic Application 	<ul style="list-style-type: none"> • Automotive Applications
RoHS Compliance	<ul style="list-style-type: none"> • RoHS Compliant 	
Appearance	<ul style="list-style-type: none"> • Translucent White 	
Forms	<ul style="list-style-type: none"> • Pellets 	
Processing Method	<ul style="list-style-type: none"> • Injection molding 	<ul style="list-style-type: none"> • 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	Test Method
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.