

TECHNICAL DATASHEET



PBT

SN2083THK

Product information

Color	NC
Material Shape	Pellets
Process	Injection molding
Viscosity	Low viscosity

Physical	Typical Value Unit	Test Method
Density	1.30~1.32 g/cm ³	INTERNAL METHOD
Humidity Absorption	0.2 %	GB/T 14190
Melt Index 235°C 2.16kg	51 g/10min	ISO 1133
Melt Index 250°C 2.16kg	75 g/10min	ISO 1133
Relative Viscosity	0.83 dL/g	—
-COOH Content	14 mg/kg	GB/T 14190

Mechanical	Typical Value Unit	Test Method
Tensile Strength 50mm/min	55 MPa	ISO 527
Elongation Break	40 %	ISO 527
Flexural Strength	70 MPa	ISO 178
Izod Notch Impact	4 kJ/m ²	ISO 180

Grade	Typical Value Unit	Test Method
Color L	95 —	GB/T 14190
Color b	2 —	GB/T 14190

Product Packaging

25kgs Bag/FIBC