

TECHNICAL DATASHEET



PBT

SN2090THK

Chemical	Typical Value Unit	Test Method
Intrinsic Viscosity	0.870±0.012 dL/g	GB/T 14190
Carboxy End Groups	14.0±4.0 mol/t	GB/T 14190
Color L Value	≥95 —	GB/T 14190
Color b Value	2.0±1.0 —	GB/T 14190
Moisture Absorption	<0.2 %	GB/T 14190

Physical	Typical Value Unit	Test Method
Density	1.30-1.32 g/cm ³	KHS 001
Melting Flow Rate(235 °C/2.16kg)	33.0±4.0 g/10min	ISO 1133
Melting Flow Rate(250 °C/2.16kg)	50.0±4.0 g/10min	ISO 1133
Tensile Strength(50mm/min)	≥50 MPa	ISO 527
Tensile Elongation	≥70 %	ISO 527
Flexural Strength	≥70 MPa	ISO 178
IZOD Notched Impact Strength	≥5.0 KJ/m ²	ISO 180

Product Packaging

25kgs Bag/FIBC
