

PRODUCT SPECIFICATION

PBT Resin
Type: TH 6090

ITEM	UNIT	TEST METHOD	GRADE
			TH6090
Intrinsic Viscosity	dl/g	ASTM D2857	0.90±0.015
Melting Point	°C	ASTM D3418-08	220-225
Carboxyl End Group	mol/t	GB/T14190-2008	≤30
Color (L)	-	GB/T14190-2008	≥90
Color (B)	-	GB/T14190-2008	≤3
Density	g/cm ³	ASTM D792-08 B	1.30-1.32
Melt Flow Index	g/10min	ASTM D1238-10 A	45-55
Tensile Strength	Mpa	ASTM D638-10	50-60
Elongation at Break	%	ASTM D638-10	≥100
Flexural Strength	Mpa	ASTM D790	≥82
Izod Impact Strength Notched	KJ/m ²	ASTM D256-10 A	≥40
Dielectric Strength (2mm)	KV/mm	ASTM D149-09	≥20
Weight of 100 Granule	g	GB/T14190-2008	2.2±0.2

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