

Tunhe PBT TH6120

Polybutylene Terephthalate

Xinjiang Blueridge Tunhe Chemical Industry Co.,Ltd

Message:

Tunhe PBT TH6120 is a polybutene terephthalate (PBT) product. It is available in the Asia-Pacific region.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30 - 1.32	g/cm³	ASTM D792B
Melt Mass-Flow Rate (MFR) ¹	10 - 15	g/10 min	ASTM D1238
Color b	2.00 - 6.00		GB/T 14190
Color L	> 90.0		GB/T 14190
Particle Mass	2.00 - 2.40	g/100 pcs	GB/T 14190
Intrinsic Viscosity	1.1 - 1.4	dl/g	GB/T 14190
Moisture Content		%	GB/T 14190
Ash Content		mg/kg	GB/T 14190
Carboxyl End Groups		mol/t	GB/T 14190
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	50.0 - 60.0	MPa	ASTM D638
Tensile Elongation (Break)	> 250	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	> 40.0	kJ/m²	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	> 222	°C	ASTM D3418
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength (2.00 mm)	> 2.0	kV/mm	ASTM D149
NOTE			
1.	Procedure A		

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