



Beijing Tiertime Technology Co., Ltd

Name	TPU			
Packing	2 x 500g/roll			
Number:	Test items	Project standard /	Unit	Typical value
1	Proportion	ASTM D792	g/cm <sup>3</sup>	1.2
2	Density		g/cm <sup>3</sup>	
3	Mold shrinkage	ASTM D955	%	
4	Melt mass flow rate	ASTM D1238 ISO 1183	g/10min	
5	Melt viscosity	ASTM D3825		
6	Hardness	ASTM D2240_15		95
7	Tensile yield strength	ASTM D412_16	MPa	20
8				
9	Elongation at Break	ASTM D638	%	
10	Elongation at yield	ASTM D638	%	
11	Tensile modulus	ASTM D638	MPa	
12	Bending strength	ASTM D790	MPa	
13	Flexural modulus	ASTM D790	MPa	
14	Izod notched impact strength	ASTM D256	KJ/m <sup>2</sup>	
15	Vicat softening point	ASTM D1525	°C	
16	Flammability	UL94	1.6 mm	
17	Heat Deflection Temperature	ASTM D648	°C	
18	Moisture	ASTM D6890	%	0.7
19	Elongation	ASTM D412_16	%	250