TPE SPECIFICATIONS

TUNHE GRADE: TH3172

ITEM	UNIT	TEST METHOD	VALUE
Hardness	Shore D	GBT531	72±2
Melt Index (2.16kg)	g/10min	ISO 1133-1-2011	16-30
Melt Index Test Temp	°C	ISO 1133-1-2011	240
Tensile Strength	MPa	GB/T528	≥33
Tensile Elongation at Break	%	GB/T528	≥350
Flexural Modulus	MPa	ISO178-2010-A	≥350
Tearing Strength	kN/m	ISO 034-1-2015-B	≥170
Vicat Softening Point A/50	°C	ISO 306-2013-A50	≥180
Melting Point	°C	ISO 11357-3-2001	218±3
Brittle Temperature	°C	ISO974-2000	-50
Specific Gravity	g/cm³	ISO1183-1-2012	1.250-1.280

Note: Customization and tailor made TPE is available upon customer requirements.