TPE SPECIFICATIONS

TUNHE GRADE: TH3163

ITEM	UNIT	TEST METHOD	VALUE
Hardness	Shore D	GBT531	63±2
Melt Index (2.16kg)	g/10min	ISO 1133-1-2011	16-30
Melt Index Test Temp	°C	ISO 1133-1-2011	230
Tensile Strength	MPa	GB/T528	≥30
Tensile Elongation at Break	%	GB/T528	≥500
Flexural Modulus	MPa	ISO 178-2010-A	≥200
Tearing Strength	kN/m	ISO 034-1-2015-B	≥150
Vicat Softening Point A/50	°C	ISO 306-2013-A50	≥180
Melting Point	°C	ISO 11357-3-2001	213±3
Brittle Temperature	°C	ISO974-2000	-60
Specific Gravity	g/cm³	ISO 1183-1-2012	1.220-1.250

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