TPE SPECIFICATIONS

TUNHE GRADE: TH3045

ITEM	UNIT	TEST METHOD	VALUE
Hardness	Shore D	GBT531	45±2
Melt Index (2.16kg)	g/10min	ISO1133-1-2011	8-15
Melt Index Test Temp	°C	ISO1133-1-2011	230
Tensile Strength	MPa	GB/T528	≥22
Tensile Elongation at Break	%	GB/T528	≥750
Flexural Modulus	MPa	ISO178-2010-A	≥80
Tearing Strength	kN/m	ISO 034-1-2015-B	≥125
Vicat Softening Point A/50	°C	ISO306-2013-A50	≥140
Melting Point	°C	ISO 11357-3-2001	210±3
Brittle Temperature	°C	ISO974-2000	-70
Specific Gravity	g/cm³	ISO 1183-1-2012	1.130-1.155

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