

Consumer Goods Material Solution (TPU/TPE)





Application Advantages

T P U

1. Softness: soft and easy to use.
2. Water and bacteria resistance, non-toxic and environmental protection.
3. Good wear resistance and long life duration.

T P E

1. Softness: soft and easy to use.
2. Water and bacteria resistance, non-toxic and environmental protection.
3. Good impact resistance.

Properties Datasheet

					Model	Model
General characteristics	Material properties	Testing standard	Test condition	Units	1190F	5085L
	Material category	-	-	-	TPU Polyether	SBC
	Appearance (light/Semi-matte/Frosted)	-	-	-	Semi-matte	Frosted
	Extrusion/Injection	-	-	-	Injection	Extrusion
Physical characteristics	Hardness	DIN 53505	155	Shore A	90	85
	Proportion	DIN 53479	-	g/cm ³	1.11	1
	Melt index	DIN 53735	230°C/5kg	g/10min	2	2
	Brittle temperature	ISO 812	-	°C	-60	-50
Mechanical properties	Elongation	DIN 53504	200mm/min	%	500	450
	Tensile Strength	DIN 53504	200mm/min	Mpa	50	10
	Tearing strength	DIN 53515	500mm/min	KN/m	115	40
Electrical performance	Volume resistivity	ASTM D257	-	Ohm-cm	≥1.0E+11	≥1.0E+15
Feature					Resistant to water, bacteria and abrasion	Rubber coating PP/PE



ATP Polymer Technology Co.,Ltd



info@atpchem.com



+86 769 38802055



+86 769 23116805



2# Building,Guanghui Industrial Zone
Dongcheng Hi-Tech Park
Donguan,Guangdong
China

