

Utomer UT518

Thermoplastic Polyurethane Elastomer (Polyester)

Shanghai Utomer Material Science Co., Ltd.

Message:

Utomer UT518 is a Thermoplastic Polyurethane Elastomer (Polyester) (TPU-Polyester) product. It is available in Asia Pacific.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	67 to 73		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	10.0	MPa	
300% Strain	25.0	MPa	
Tensile Strength	32.0	MPa	ASTM D412
Tensile Elongation (Break)	250	%	ASTM D412
Tear Strength	0.110	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-5.00	°C	ASTM D3418

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