

APILON™ 52c A52C MG 100A

TPU

Trinseo

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	35	MPa	ASTM D 638
Elongation at Break	450	%	ASTM D 638
Modulus at 100% Elongation	11	MPa	ASTM D 412
Modulus at 300% Elongation	20	MPa	ASTM D 412
Shore D Hardness	50	-	ASTM D 2240
Tear Strength	105	kN/m	ASTM D 624

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	175	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1150	kg/m ³	ASTM D 792

Characteristics**Processing**

Coating

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa