

APILON™ 52c A52C DN1 40

TPU

Trinseo

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	30	MPa	ASTM D 638
Elongation at Break	600	%	ASTM D 638
Modulus at 100% Elongation	4	MPa	ASTM D 412
Modulus at 300% Elongation	7	MPa	ASTM D 412
Shore A Hardness	86	-	ASTM D 2240
Shore D Hardness	36	-	ASTM D 2240
Tear Strength	85	kN/m	ASTM D 624

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	145	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1210	kg/m ³	ASTM D 792

Characteristics**Processing**

Coating

Regional Availability

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