

**APILON™ 52c A52 DT 40/CL1**

TPU

Trinseo

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Abrasion resistance	<b>50</b>	mm <sup>3</sup>	ISO 4649
<b>ASTM Data</b>			
Tensile Strength	<b>35</b>	MPa	ASTM D 638
Elongation at Break	<b>600</b>	%	ASTM D 638
Modulus at 100% Elongation	<b>5.3</b>	MPa	ASTM D 412
Modulus at 300% Elongation	<b>9.7</b>	MPa	ASTM D 412
Shore A Hardness	<b>85</b>	-	ASTM D 2240
Tear Strength	<b>89</b>	kN/m	ASTM D 624

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1220</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Coating, Calendering

**Certifications**

Food contact, Food approval FDA 21 CFR

**Delivery form**

Powder

**Regional Availability**

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