

**CELSTRAN® PPS-CF40-01**

PPS-CF40

Celanese

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	<b>37277</b>	MPa	ISO 527
<sup>[C]</sup> Stress at break	<b>185</b>	MPa	ISO 527
<sup>[C]</sup> Strain at break	<b>0.57</b>	%	ISO 527
<sup>[C]</sup> Charpy notched impact strength, +23°C	<b>16.5</b>	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Coeff. of linear therm. expansion, parallel	<b>2.3</b>	E-6/K	ISO 11359-1/-2
<sup>[C]</sup> Coeff. of linear therm. expansion, normal	<b>27.8</b>	E-6/K	ISO 11359-1/-2

[C]: CAMPUS

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<sup>[C]</sup> Density	<b>1490</b>	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific

**Delivery form**

Pellets