

**Product Texts**

Zytel® LC7603 BK195 is a toughened, plasticized long chain polyamide resin developed for extrusion with enhanced chemical resistance and with improved performance at elevated temperatures.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Spec. heat capacity of melt	2130	J/(kg K)	-

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	700 / -	MPa	ISO 527
<sup>[C]</sup> Charpy notched impact strength, +23°C	95 / -	kJ/m <sup>2</sup>	ISO 179/1eA
<sup>[C]</sup> Charpy notched impact strength, -30°C	11 / -	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	211 / *	°C	ISO 11357-1/-3
<sup>[C]</sup> Glass transition temperature, 10°C/min	50 / *	°C	ISO 11357-1/-2
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	40 / *	°C	ISO 75-1/-2
<sup>[C]</sup> Temp. of deflection under load, 0.45 MPa	70 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Volume resistivity	1E12 / -	Ohm*m	IEC 62631-3-1
<sup>[C]</sup> Surface resistivity	* / 9E14	Ohm	IEC 62631-3-2
<sup>[C]</sup> Electric strength	34 / -	kV/mm	IEC 60243-1

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Density	1040 / -	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Profile Extrusion

**Special Characteristics**

Heat stabilized or stable to heat

**Delivery form**

Pellets

**Chemical Resistance**

General Chemical Resistance

**Additives**

Plasticizer

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America