

**Product Texts**

Zytel® RS LC4603 BK195 is a toughened, plasticized long chain polyamide resin developed for extrusion with enhanced chemical resistance and with improved performance at elevated temperature. It contains a minimum of 33% renewably sourced ingredient by weight.

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	940 / -	MPa	ISO 527
<sup>[C]</sup> Charpy notched impact strength, +23°C	105 / -	kJ/m <sup>2</sup>	ISO 179/1eA
<sup>[C]</sup> Charpy notched impact strength, -30°C	12 / -	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	218 / *	°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	50 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Density	1040 / -	kg/m <sup>3</sup>	ISO 1183
Biobased content	33	%	-

[C]: CAMPUS

**Characteristics****Processing**

Profile Extrusion

**Delivery form**

Pellets, Black

**Additives**

Plasticizer

**Special Characteristics**

Heat stabilized or stable to heat

**Chemical Resistance**

General Chemical Resistance

**Certifications**

Contains renewable resources

**Regional Availability**

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