

**Product Texts**

Zytel® LC6601 long chain polyamide resins provide an innovative and growing portfolio of flexible polymers with excellent thermal, chemical, and hydrolysis resistance. The diverse selection of Zytel® LC6601 grades is targeted for a range of performance characteristics, balancing temperature resistance, flexibility and low permeation.

**Zytel® LC6601 BK551 is a toughened, polyamide 612 resin plasticized for improved flexibility in extrusion applications.**

<b>Mechanical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Yield stress	32 / -	MPa	ISO 527
<sup>[C]</sup> Yield strain	32 / -	%	ISO 527
<sup>[C]</sup> Nominal strain at break	>50 / -	%	ISO 527

[C]: CAMPUS

<b>Thermal properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	215 / *	°C	ISO 11357-1/-3
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	45 / *	°C	ISO 75-1/-2

[C]: CAMPUS

<b>Other properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<sup>[C]</sup> Density	1020 / -	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding, Film Extrusion, Profile Extrusion, Sheet Extrusion, Other Extrusion

**Delivery form**

Pellets

**Special Characteristics**

Heat stabilized or stable to heat

**Chemical Resistance**

General Chemical Resistance, Hydrolytically Stable

**Regional Availability**

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