

CAMPUS® Datasheet

Zytel® LC6601 NC010 - PA612-I
Celanese



Product Texts

Zytel® LCPA 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® LCPA grades is targeted for a range of performance characteristics, balancing temperature resistance, flexibility and low permeation.

Zytel® LC6601 NC010 is a toughened, polyamide 612 resin plasticized for improved flexibility in extrusion applications.

Mechanical properties	dry / cond	Unit	Test Standard
Tensile modulus	880 / -	MPa	ISO 527-1/-2
Yield stress	32 / -	MPa	ISO 527-1/-2
Yield strain	25 / -	%	ISO 527-1/-2
Nominal strain at break	>50 / -	%	ISO 527-1/-2
Charpy impact strength, +23°C	N / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	70 / -	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	16 / -	kJ/m ²	ISO 179/1eA
Thermal properties	dry / cond	Unit	Test Standard
Melting temperature, 10°C/min	215 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	45 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	120 / *	°C	ISO 75-1/-2
FMVSS	B	-	ISO 3795 (FMVSS 302)
Other properties	dry / cond	Unit	Test Standard
Density	1020 / -	kg/m ³	ISO 1183

Characteristics

Processing

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

Regional Availability

Europe

Delivery form

Pellets

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