Zytel® LC7603 NC010

PA*... Celanese

Product Texts

Zytel® LC7603 NC010 is a toughened, plasticized long chain polyamide resin developed for extrusion with enhanced chemical resistance and with improved performance at elevated temperatures.

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**750 / -**	MPa	ISO 527
[C] Yield stress	**30 / -**	MPa	ISO 527
[C] Yield strain	**40 / -**	%	ISO 527
[C] Nominal strain at break	**>50 / -**	%	ISO 527
[C] Charpy notched impact strength, +23°C	**95 / -**	kJ/m²	ISO 179/1eA
[C] Charpy notched impact strength, -30°C	**10 / -**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Melting temperature, 10°C/min	**208 / ***	°C	ISO 11357-1/-3
[C] Glass transition temperature, 10°C/min	**50 / ***	°C	ISO 11357-1/-2
[C] Temp. of deflection under load, 1.80 MPa	**40 / ***	°C	ISO 75-1/-2
[C] Temp. of deflection under load, 0.45 MPa	**70 / ***	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Density	**1040 / -**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing
Profile Extrusion

Delivery form
Pellets

Additives
Plasticizer

Special Characteristics
Heat stabilized or stable to heat

Chemical Resistance
General Chemical Resistance

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

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