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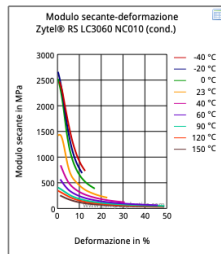
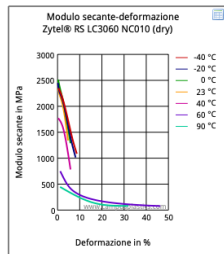
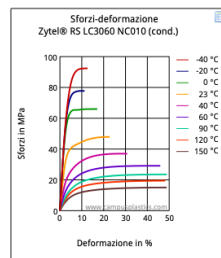
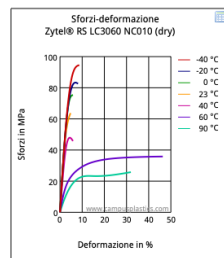
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This datasheet of Zytel® RS LC3060 NC010 from Celanese is provided by the international plastics database CAMPUS.

Zytel® RS LC3060 NC010 | PA610 | Celanese**Testo del prodotto****Zytel® RS LC3060 NC010 is an unreinforced, medium viscosity, biobased polyamide 610 resin containing a minimum of 60% renewably sourced ingredients by weight, developed for extrusion applications.**

Proprietà Reologiche	secco/cond	Unità	Norma del test	①
Ritiro di stampaggio, parallelo	1.4 / *	%	ISO 294-4, 2577	
Ritiro di stampaggio, perpendicolare	1.5 / *	%	ISO 294-4, 2577	
Proprietà Meccaniche	secco/cond	Unità	Norma del test	①
Modulo a trazione	2000 / 1200	MPa	ISO 527-1/-2	
Carico unitario a trazione	64 / 52	MPa	ISO 527-1/-2	
Deformazione a snervamento	5 / 30	%	ISO 527-1/-2	
Deformazione nominale a rottura	>50 / >50	%	ISO 527-1/-2	
Resist. urto Charpy con intaglio, +23°C	8 / -	kJ/m²	ISO 179/1eA	
Resistenza all'abrasione	- / 5.5	mm³	ISO 4649	
Proprietà Termiche	secco/cond	Unità	Norma del test	①
Temperatura di fusione, 10°C/min	223 / *	°C	ISO 11357-1/-3	
Temperatura di transizione vetrosa, 10°C/min	60 / *	°C	ISO 11357-1/-2	
Temp.di inflessione sotto carico, 1.80 MPa	55 / *	°C	ISO 75-1/-2	
Temp.di inflessione sotto carico, 0.45 MPa	155 / *	°C	ISO 75-1/-2	
Coeff.di dilatazione termica lin., parallelo	90 / *	E-6/K	ISO 11359-1/-2	
Coeff.di dilatazione termica lin., perpend.	150 / *	E-6/K	ISO 11359-1/-2	
Reaz. al fuoco spess.nom. 1.5mm	HB / *	class	IEC 60695-11-10	
Spessore provato	1.5 / *	mm	IEC 60695-11-10	
Reazione al fuoco a spessore h	HB / *	class	IEC 60695-11-10	
Spessore provato	3.0 / *	mm	IEC 60695-11-10	
FMVSS	B	-	ISO 3795 (FMVSS 302)	
Indice di ossigeno	24 / *	%	ISO 4589-1/-2	
Proprietà Elettriche	secco/cond	Unità	Norma del test	①
Costante dielettrica relativa, 100Hz	3.9 / -	-	IEC 62631-2-1	
Costante dielettrica relativa, 1MHz	3.3 / -	-	IEC 62631-2-1	
Fattore di dissipazione, 100Hz	400 / -	E-4	IEC 62631-2-1	
Fattore di dissipazione, 1MHz	300 / -	E-4	IEC 62631-2-1	
Resistività volumica	1E13 / 1E9	Ohm*m	IEC 62631-3-1	
Res. Alle correnti striscianti superficiali	600 / 600	-	IEC 60112	
Altre Proprietà	secco/cond	Unità	Norma del test	①
Assorbimento d'acqua	3.3 / *	%	Sim. alla ISO 62	
Assorbimento d'umidità	1.4 / *	%	Sim. alla ISO 62	
Massa volumica	1070 / -	kg/m³	ISO 1183	
Proprietà Specifiche Materiale	secco/cond	Unità	Norma del test	①
Numero di viscosità	150 / *	cm³/g	ISO 307, 1157, 1628	
Funzioni				

**Caratteristiche****Processabilità e Forma di Forni**

Stampaggio ad Iniezione, Estrusione Profilati, Estrusione di Lastre/Fogli, Altre Estrusioni

Forma fisica disponibile

Pellet

Disponibilità geografica[Nord America](#), [Europa](#), [Asia Oceano Pacifico](#), [South and Central America](#)

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