Easy Lock

Le serrature senza chiave

Chiavistello in Materiale Composito

- Ultra-Resistente
- Anti-Ossidazione

Il chiavistello è realizzato con materiali compositi, resine e polimeri, che assicurano un elevato coefficiente di resilienza.
L'impiego di questi materiali , unito alla particolare forma del chiavistello garantiscono una resistenza allo strappo superiore ai materiali metallici normalmente utilizzati in questa tipologia di serrature.
Non essendo in metallo, inoltre, non è esposto al rischio di ossidazione anche in ambienti particolarmente umidi come spogliatoi, piscine , centri wellness etc. eliminando di fatto ogni manutenzione

IRON DIGITRON DIGITRON

poliblend
engineering polymers

ISO 9001:2000 - CERTIFICATO N. 606

SCHEDA TECNICA/ *DATA SHEET*	REV. 0 DATA 01/09/03

POLIMID B 30 GF NERO

	PROPRIETA' *PROPERTIES*	METODO *TEST METHOD*	UNITA' *UNIT*	VALORI TIPICI *TYPICAL VALUES*
FISICHE/TERMICHE *PHYSICAL/THERMAL*	DENSITA' *DENSITY*	ASTM D792	g/cm³	1.35
	PUNTO DI FUSIONE *MELTING POINT*	DSC	°C	222
	RITIRO ALLO STAMPAGGIO *MOLD SHRINKAGE*	ASTM D955	%	0.3
	ASSORB. ACQUA *WATER ABSORPTION* (23°C-24h.in H2O)	ASTM D570	%	0.9
	MELT FLOW INDEX	ASTM D1238	g/10min.	
	GRADO DI INFIAMMABILITA' *FLAMMABILITY* a 1,6 mm	UL 94		HB
	TEMPERATURA DI RAMMOLIMENTO VICAT *VICAT SOFTENING TEMPERATURE*	ASTM D1525	°C	210
	TEMPERATURA DI INFLESSIONE SOTTO CARICO *HEAT DEFLECTION TEMPERATURE* (0,45 N/mm²)	ASTM D648	°C	215
	TEMPERATURA DI INFLESSIONE SOTTO CARICO *HEAT DEFLECTION TEMPERATURE* (1,81 N/mm²)	ASTM D648	°C	205
	TEMP. D'ESERCIZIO IN CONTINUO (NO STRESS) *CONTINUOUS SERVICE TEMP. WITH NO STRESS*	-	°C	120
	PROVA DEL FILO INCANDESCENTE *GLOW WIRE TEST*	IEC 695-2-1	°C	
MECCANICHE *MECHANICAL*	MODULO A FLESSIONE *FLEXURAL MODULUS*	ASTM D790	N/mm²	8000-4000*
	ALLUNGAMENTO A TRAZIONE ALLO SNERVAMENTO *TENSILE STRAIN AT YIELD*	ASTM D638	%	
	ALLUNGAMENTO A TRAZIONE A ROTTURA *TENSILE STRAIN AT BREAK*	ASTM D638	%	3.0-3,5*
	CARICO DI TRAZIONE ALLO SNERVAMENTO *TENSILE STRESS AT YIELD*	ASTM D638	N/mm²	
	CARICO DI TRAZIONE A ROTTURA *TENSILE STRESS AT BREAK*	ASTM D638	N/mm²	160-80*
	IZOD-RESISTENZA ALL'URTO CON INTAGLIO *IZOD NOTCHED IMPACT STRENGTH*	ISO 180/1A	KJ/ m²	
	IZOD-RESISTENZA ALL'URTO SENZA INTAGLIO *IZOD UNNOTCHED IMPACT STRENGTH*	ISO 180/1U	KJ/m²	> 60
	DUREZZA ROCKWELL *ROCKWELL HARDNESS*	ASTM D785	scala R	120-110*
ELETTRICHE *ELECTRICAL*	RESISTIVITA' DI VOLUME *VOLUME RESISTIVITY*	ASTM D257	Ohm*cm	10^{15}-10^{11}
	RESISTIVITA' DI SUPERFICE *SURFACE RESISTIVITY*	ASTM D257	Ohm	10^{13}-10^{11}
	RESISTIVITA' CORRENTI STRISCIANTI *COMPARATIVE TRACKING INDEX*	VDE 0303/1	V	KC>500

* VALORI CONDIZIONATI
CONDITIONED VALUES

DIREZIONE TECNICA_____

Product Information

DUPONT

Zytel®

nylon resin

Zytel® ST801 NC010A

Zytel® ST801 NC010A is a general purpose Super Tough nylon 66 resin. It offers outstanding impact resistance and high productivity.

Property	Test Method	Units	Value	
			50%RH	DAM
Mechanical				
Tensile Stress at 50% Strain	ISO 527-1/2	MPa		
50mm/min			39	
Yield Stress	ISO 527-1/2	MPa		
50mm/min			43	50
Nominal Strain at Break	ISO 527-1/2	%		
50mm/min			>50	32
Strain at Break	ISO 527-1/2	%		
50mm/min			>100	60
Yield Strain	ISO 527-1/2	%		
50mm/min			37	5,7
Tensile Modulus	ISO 527-1/2	MPa		
1mm/min			900	2000
Tensile Creep Modulus	ISO 899	MPa		
1000h			750	
1h			1200	
Notched Izod Impact	ISO 180/1A	kJ/m2		
-30C			20	20
23C			100	80
Notched Charpy Impact	ISO 179/1eA	kJ/m2		
-30C			17	18
23C			115	80
Unnotched Charpy Impact	ISO 179/1eU	kJ/m2		
-30C			NB	NB
23C			NB	NB

Properties measured at 23°C unless otherwise stated.
Please refer to the Safety Data Sheet, general guides and/or additional information about ventilation, handling, purging, drying, etc.

980116UA20

The information provided in this documentation corresponds to our knowledge on the subject at the date of its publication. This information may be subject to revision as new knowledge and experience becomes available. The data provided fall within the normal range of product properties and relate only to the specific material designated; these data may not be valid for such material used in combination with any other materials or additives or in any process, unless expressly indicated otherwise. The data provided should not be used to establish specification limits nor used alone as the basis of design; they are not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of a specific material for your particular purposes. Since DuPont cannot anticipate all variations in actual end-use conditions DuPont makes no warranties and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent rights. CAUTION: Do not use this product in medical applications involving permanent implantation in the human body. For other medical applications see "DuPont Medical Caution Statement", H-51459.

Start
with DuPont
Engineering Polymers

® DuPont's registered trademark