



Nylon 6/6 非結晶 系列複合塑料物性表

compound datasheets

Nylon 非結晶

Nylon 非結晶, GF30

項目 Property		試驗法 ASTM Method	單位 Units			
一般性質	比重 Specific Gravity	D792	-	1.18	1.4	
	成型收縮率 Mold Shrinkage	D955	%	-	-	
				6.35mm截面 3.18mm截面	0.5~0.7	0.1~0.2
吸水率(24 hours) Water absorption, 24 hrs @ 23oC	D570	%	0.45	-		
機械性質	冲击强度 Impact Strength	D256	J/m	3.18mm截面(缺 □) Notched Izod	80	96
				3.18mm截面(无缺口) Unnotched Izod	No Break	961
	伸张强度 Tensile Strength	D638	MPa	97	186	
	延伸率 Tensile Elongation	D638	%	>10	2~4	
	伸张模数 Tensile Modulus	D638	MPa	2344	9308	
	弹性强度 Flexural Strength	D790	MPa	124	276	
	弹性模数 Flexural Modulus	D790	MPa	2758	9653	
洛氏硬度 Rockwell Hardness	D785	-	128 R	-		
热性質	热变形温度 DTUL	D648	oC	at 264 psi (1.82 MPa)	123	-
				at 66 psi (0.455 MPa)	127	-
	连续使用温度 Continuous Use Temp.	UL-746B	oC	-	-	
	线性热膨胀系数 Coefficient of Linear Thermal Expansion	D 696	10 ⁻⁵ /oC	6.1	-	
防火等级 Flammability thickness	-	-	-	-		
电气性質	体积固有电阻 Volume Resistivity	D257	ohm-cm	-	-	
	表面电阻 Surface Resistivity	D257	ohm/SQ	-	-	
	静电消散(MIL-PRF-81705C) Static Decay	FTMS-4046.1	sec	-	-	

Data are obtained from specimens molded under carefully controlled conditions from representative samples of the compound described herein. Properties may be materially affected by molding techniques applied and by the size and shape of the item molded. No assurance can be implied that all molded articles will have the same properties as those listed.