



耐特 NYTEX COMPOSITES CO., LTD. 耐特科技材料股份有限公司

Product Information

NYLOY® WN-0010N

PEEK

Carbon Nanotube
Electro Static Discharge Grade

Black

PROPERTIES	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	kg/cm ² (MPa)	1050 (103)
Elongation	ASTM D638	%	6
Flexural Strength	ASTM D790	kg/cm ² (MPa)	1900 (186)
Flexural Modulus	ASTM D790	kg/cm ² (MPa)	58000 (5692)
IZOD Impact, Notched 23° C	ASTM D256	kg-cm/cm (J/M)	7 (69)
Hardness Rockwell R Scale	ASTM D785	R	124
THERMAL			
Heat Deflection Temp	ASTM D648		
264 psi		°C	>160
ELECTRICAL			
Surface Resistivity	IEC 60093	Ohm/sq	E4~E9
Volume Resistivity	IEC 60093	Ohm*m	E4~E9
OTHER			
Density	ASTM D792	g/cm ³	1.36
Mold Shrinkage	ASTM D955	%	0.7~1.3
Flammability	UL-94	1.6mm	V0
REMARK			
(1)These values are typical test results for reference only and do not constitute a warranty.			