



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

## Product Information

## NYLOY<sup>®</sup> WC-0030N-3

PEEK

30% Carbon Fiber  
Reinforced

Black

PROPERTIES	METHOD	UNIT	RESULT
<b>MECHANICAL</b>			
Tensile Strength	ASTM D638	kg/cm <sup>2</sup> (MPa)	2650 (260)
Elongation	ASTM D638	%	1.3
Flexural Strength	ASTM D790	kg/cm <sup>2</sup> (MPa)	4180 (410)
Flexural Modulus	ASTM D790	kg/cm <sup>2</sup> (MPa)	254750 (25000)
IZOD Impact, Notched 23° C	ASTM D256	kg-cm/cm (J/M)	6 (59)
Hardness Rockwell R Scale	ASTM D785	R	120
<b>THERMAL</b>			
Heat Deflection Temp	ASTM D648		
264 psi		°C	>300
<b>ELECTRICAL</b>			
Surface Resistivity	IEC 60093	Ohm/sq	E4~E9
Volume Resistivity	IEC 60093	Ohm*m	E3~E8
<b>OTHER</b>			
Density	ASTM D792	g/cm <sup>3</sup>	1.41
Mold Shrinkage	ASTM D955	%	0.0~0.4
Flammability	UL-94	1.6mm	V0
<b>REMARK</b>			
(1)These values are typical test results for reference only and do not constitute a warranty.			