



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

Product Information

NYLOY® UF-4010N B1

- PPA
- Mineral Fiber Reinforced
- Black

PROPERTIES	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	MPa	130
Elongation	ASTM D638	%	1.5
Flexural Strength	ASTM D790	MPa	220
Flexural Modulus	ASTM D790	GPa	12.4
Izod Impact, Notched 23°C	ASTM D256	J/M	40
THERMAL			
Heat Deflection Temp	ASTM D648		
1.82MPa		°C	250
OTHER			
Density	ASTM D792	g/cm ³	1.68
Mold Shrinkage	ASTM D955		
Normal		%	1.3±0.1
Parallel		%	0.33±0.05
Capillary Flow			
Temp. 330°C, shear rate 6080 ⁻¹		Pa*s	60
Flammability	UL-94	0.8 mm	HB
REMARK			
(1) This data is for reference only .			

Moulding guide

Drying Temp.	°C	110
Drying Time	hr	2~4
Mold Temp.	°C	120~130
1 st inj.		
V(%)/P(%)	%	75/65
2 nd inj.		
V(%)/P(%)	%	65/55
3 rd inj.		
V(%)/P(%)	%	55/45
V(%)/P(%)	%	35/60
Nozzle Temp.	°C	300~320
1st Barrel Temp.	°C	310~330
2nd Barrel Temp.	°C	300~320
3rd Barrel Temp.	°C	280~300
Cooling Time	Sec.	25

REMARK

This data-sheet is for reference only.