



NYPLA INDUSTRIAL CO., LTD.

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Product Information

NYLOY[®] UB-0010N G45N3N

• High Temp. Nylon • Glass Fiber Reinforced • Natural

PROPERTY	METHOD	UNIT	RESULT	
MECHANICAL				
Tensile Strength	ISO 527	MPa	210	
Tensile Modulus	ISO 527	MPa	-	
Elongation	ISO 527	%	2	
Flexural Strength	ISO 178	MPa	300	
Flexural Modulus	ISO 178	MPa	12900	
Charpy Impact, Notched 23° C	ISO 179	kJ/M ²	10	
THERMAL				
Heat Deflection Temp (18.6kg/cm ²)(1.82MPa)	ISO 75	°C	263	
OTHER				
Ash Contents	ISO 3451	%	GF 45	
Flammability	UL-94	1.6mm	-	
	UL-94	0.8mm	-	
Density	ISO 1183	g/cm ³	1.54	
PHYSICAL				
Mold Shrinkage	ISO 294-4		-	
		Normal	%	1
		Parallel	%	0.43
FLAMMABILITY				
Glow Wire Test(GWFI)	IEC 60695-2-12	2.0mm	-	
Glow Wire Test(GWIT)	IEC 60695-2-13	2.0mm	-	
REMARK				
(1)This data is for reference only.				