



NYTEX COMPOSITES CO., LTD.

TEL:02-26963366 FAX:02-26963399
http://www.nytex.com.tw

Product Information

Vydyne[®] R533

- Nylon 66
- 33%Glass Fiber Reinforced
- Natural/Black

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ISO 527	MPa	-
Elongation	ISO 527	%	3
Flexural Strength	ISO 178	MPa	290
Flexural Modulus	ISO 178	MPa	9700
Charpy Impact, Notched 23° C	ISO 179/ 1eA	kJ/m ²	12.3
Charpy Impact, Notched -20°C	ISO 179/ 1eA	kJ/m ²	-
Hardness Rockwell R Scale	ISO 2039	-	-
Hardness Shore D	ISO 868	-	-
THERMAL			
Heat Deflection Temp	ISO 75		
1.82MPa		°C	250
0.46MPa		°C	260
OTHER			
Density	ISO 1183	g/cm ³	1.4
Mold Shrinkage ⁽²⁾	ISO 294-4	%	-
Flammability	UL-94	1.6mm	-
	UL-94	3.2mm	-
REMARK			
(1) This data is for reference only.			
(2) Shrinkage parallel to flow. Test box dimensions of base(129×2.7×3.2) mm.			