



NYTEX COMPOSITES CO., LTD.

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Product Information

Vydyne[®] 21SPC

• Nylon 66 • General Grade • Natural

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ISO 527	MPa	81
Elongation	ISO 527	%	35
Flexural Strength	ISO 178	MPa	82
Flexural Modulus	ISO 178	MPa	2900
Charpy Impact, Notched 23° C	ISO 179/ 1eA	kJ/m ²	6.4
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	72
0.46MPa		°C	200
OTHER			
Density	ISO 1183	g/cm ³	1.14
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.			