



# NYTEX COMPOSITES CO., LTD.

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## Product Information

## Vydyne<sup>®</sup> ECO-315

- Nylon 66
- Non- Halogen Flame Retardant
- Natural/Black

PROPERTY	METHOD	UNIT	RESULT
<b>MECHANICAL</b>			
Tensile Strength	ISO 527	MPa	75
Elongation	ISO 527	%	25
Flexural Strength	ISO 178	MPa	92
Flexural Modulus	ISO 178	MPa	3200
Charpy Impact, Notched 23° C	ISO 179/ 1eA	kJ/m <sup>2</sup>	-
Charpy Impact, Notched -20°C	ISO 179/ 1eA	kJ/m <sup>2</sup>	-
Hardness Rockwell R Scale	ISO 2039	-	-
Hardness Shore D	ISO 868	-	-
<b>THERMAL</b>			
Heat Deflection Temp	ISO 75		
1.82MPa		°C	65
0.46MPa		°C	225
<b>OTHER</b>			
Density	ISO 1183	g/cm <sup>3</sup>	1.16
Mold Shrinkage <sup>(2)</sup>	ISO 294-4	%	-
Flammability	UL-94	1.6mm	-
	UL-94	3.2mm	-
<b>REMARK</b>			
(1) This data is for reference only.			
(2) Shrinkage parallel to flow. Test box dimensions of base(129×2.7×3.2) mm.			