

## LNP\* Thermocomp\* Compound QC006

Americas: COMMERCIAL

Also known as: QC-1006  
Product Reorder Name: QC006

LNP THERMOCOMP\* QC006 is a compound based on Nylon 6/10 resin containing Carbon Fiber. Added features of this material include: Electrically Conductive.

### Property

TYPICAL PROPERTIES <sup>(1)</sup>			
	Value	Unit	Standard
<b>MECHANICAL</b>			
Tensile Stress, break	236	MPa	ASTM D 638
Flexural Stress	393	MPa	ASTM D 790
Flexural Modulus	18610	MPa	ASTM D 790
<b>IMPACT</b>			
Izod Impact, notched, 23°C	122	J/m	ASTM D 256
<b>THERMAL</b>			
HDT, 1.82 MPa, 3.2mm, unannealed	217	°C	ASTM D 648
<b>PHYSICAL</b>			
Density	1.22	g/cm <sup>3</sup>	ASTM D 792

Source GMD, last updated:06/27/2005

### Processing

THESE PROPERTY VALUES ARE NOT INTENDED FOR SPECIFICATION PURPOSES.

PLEASE CHECK WITH YOUR [\(LOCAL SALES OFFICE\)](#) FOR AVAILABILITY IN YOUR REGION

(1) Typical values only. Variations within normal tolerances are possible for various colors. All values are measured after at least 48 hours storage at 23°C/50% relative humidity. All properties, except the melt volume and melt flow rates, are measured on injection molded samples. All samples tested under ISO test standards are prepared according to ISO 294.

(2) Only typical data for selection purposes. Not to be used for part or tool design.

(3) This rating is not intended to reflect hazards presented by this or any other material under actual fire conditions.

(4) Internal measurements according to UL standards.

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