

## LNP\* Thermocomp\* Compound DF0066P

Americas: COMMERCIAL

Also known as: DF-1006 EP FR ECO  
Product Reorder Name: DF0066P

LNP THERMOCOMP\* DF0066P is a compound based on Polycarbonate resin containing Glass Fiber, Flame Retardant. Added features of this material include: Exceptional Processing.

### Property

TYPICAL PROPERTIES <sup>(1)</sup>			
<b>MECHANICAL</b>			
	Value	Unit	Standard
Tensile Stress, break	119	MPa	ASTM D 638
Tensile Strain, break	5	%	ASTM D 638
Flexural Stress	180	MPa	ASTM D 790
Flexural Modulus	8610	MPa	ASTM D 790
<b>IMPACT</b>			
	Value	Unit	Standard
Izod Impact, unnotched, 23°C	741	J/m	ASTM D 4812
Izod Impact, notched, 23°C	106	J/m	ASTM D 256
Instrumented Impact Energy @ peak, 23°C	11	J	ASTM D 3763
<b>THERMAL</b>			
	Value	Unit	Standard
HDT, 0.45 MPa, 3.2 mm, unannealed	141	°C	ASTM D 648
HDT, 1.82 MPa, 3.2mm, unannealed	136	°C	ASTM D 648
<b>PHYSICAL</b>			
	Value	Unit	Standard
Density	1.446	g/cm <sup>3</sup>	ASTM D 792
Mold Shrinkage, flow, 24 hrs	0.15	%	ASTM D 955
Mold Shrinkage, xflow, 24 hrs	0.35	%	ASTM D 955

Source GMD, last updated:09/27/2004

### 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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