

RTP 3405-3

LCP-GF30

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.00175	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	16550	MPa	ASTM D 638
Tensile Strength	134	MPa	ASTM D 638
Flexural Modulus	13790	MPa	ASTM D 790
Flexural Strength	179	MPa	ASTM D 790
Rockwell Hardness	R 105	-	ASTM D 785
Izod Impact notched, 1/8 in	112	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.794	mm	-
DTUL @ 264 psi	277	°C	ASTM D 648
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	22	kV/mm	ASTM D 149
Dissipation Factor, 1 MHz	0.03	-	ASTM D 150
Dielectric Constant, 1 MHz	3.7	-	ASTM D 150
Other properties			
Density	1610	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	149	°C	-
Pre-drying - Time	8	h	-
Melt temperature	332 - 366	°C	-
Mold temperature	65.6 - 121	°C	-
Injection pressure	82.7 - 124	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific