

RTP 3400 G-445

LCP-GF

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.001	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	15170	MPa	ASTM D 638
Tensile Strength	110	MPa	ASTM D 638
Flexural Modulus	13790	MPa	ASTM D 790
Flexural Strength	152	MPa	ASTM D 790
Izod Impact notched, 1/8 in	74.7	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	299	°C	ASTM D 648
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	35.4	kV/mm	ASTM D 149
Dissipation Factor, 1 MHz	0.031	-	ASTM D 150
Dielectric Constant, 1 MHz	3.4	-	ASTM D 150
Other properties			
Water Absorption, 24hr	0.1	%	ASTM D 570
Density	1750	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	149	°C	-
Pre-drying - Time	8	h	-
Melt temperature	363 - 399	°C	-
Mold temperature	65.6 - 93.3	°C	-
Injection pressure	68.9 - 124	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Flame retardant