

RTP 3487-3

LCP-CF40

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0001	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	34470	MPa	ASTM D 638
Tensile Strength	117	MPa	ASTM D 638
Flexural Modulus	27580	MPa	ASTM D 790
Flexural Strength	172	MPa	ASTM D 790
Izod Impact notched, 1/8 in	53.4	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	3.18	mm	-
DTUL @ 264 psi	285	°C	ASTM D 648
Electrical properties			
ASTM Data			
Volume Resistivity	100000	Ohm*cm	ASTM D 257
Other properties			
Density	1510	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