

RTP 3481-1

LCP-CF10

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.001	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	13790	MPa	ASTM D 638
Tensile Strength	179	MPa	ASTM D 638
Flexural Modulus	11720	MPa	ASTM D 790
Flexural Strength	221	MPa	ASTM D 790
Izod Impact notched, 1/8 in	320	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	216	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1430	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	149	°C	-
Pre-drying - Time	4	h	-
Melt temperature	271 - 302	°C	-
Mold temperature	37.8 - 93.3	°C	-
Injection pressure	34.5 - 82.7	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific