

RTP 3487-1

LCP-CF40

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.00075	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	36200	MPa	ASTM D 638
Tensile Strength	172	MPa	ASTM D 638
Flexural Modulus	31030	MPa	ASTM D 790
Flexural Strength	290	MPa	ASTM D 790
Izod Impact notched, 1/8 in	80.1	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	229	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1530	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