

RTP 3905

PEKEKK-GF

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	11720	MPa	ASTM D 638
Tensile Strength	200	MPa	ASTM D 638
Flexural Modulus	11030	MPa	ASTM D 790
Flexural Strength	300	MPa	ASTM D 790
Izod Impact notched, 1/8 in	133	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.59	mm	-

Other properties	Value	Unit	Test Standard
Density	1540	kg/m ³	ASTM D 792
Moisture Content	0.05	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	177	°C	-
Pre-drying - Time	3	h	-
Melt temperature	399 - 427	°C	-
Mold temperature	191 - 232	°C	-
Injection pressure	82.7 - 124	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific