

RTP 2000 R-4300

PPSU

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.007	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2344	MPa	ASTM D 638
Tensile Strength	69.6	MPa	ASTM D 638
Flexural Modulus	2551	MPa	ASTM D 790
Flexural Strength	97.2	MPa	ASTM D 790
Izod Impact notched, 1/8 in	641	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	190	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1280	kg/m ³	ASTM D 792
Moisture Content	0.05	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Time	4 - 6	h	-
Melt temperature	360 - 391	°C	-
Mold temperature	138 - 163	°C	-
Injection pressure	68.9 - 103	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific