

RTP 4000 AS-1551 HS

PPA-(MX+GF)

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	8963	MPa	ASTM D 638
Tensile Strength	86.2	MPa	ASTM D 638
Flexural Modulus	8274	MPa	ASTM D 790
Flexural Strength	131	MPa	ASTM D 790
Izod Impact notched, 1/8 in	37.4	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	193	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1660	kg/m ³	ASTM D 792
Moisture Content	0.05	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	107	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	302 - 329	°C	-
Mold temperature	135 - 163	°C	-
Injection pressure	68.9 - 124	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Heat stabilized or stable to heat