

RTP 2599 X 113384 A

(PC+ABS)

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	2413	MPa	ASTM D 638
Tensile Strength	49.6	MPa	ASTM D 638
Flexural Modulus	2413	MPa	ASTM D 790
Flexural Strength	85.5	MPa	ASTM D 790
Izod Impact notched, 1/8 in	587	J/m	ASTM D 256

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dissipation Factor, 1 MHz	0.015	-	ASTM D 150
Dielectric Constant, 1 MHz	3	-	ASTM D 150

Other properties	Value	Unit	Test Standard
Density	1280	kg/m ³	ASTM D 792
Moisture Content	0.02	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	93.3	°C	-
Pre-drying - Time	4	h	-
Melt temperature	243 - 274	°C	-
Mold temperature	51.7 - 93.3	°C	-
Injection pressure	68.9 - 103	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Platable