

RTP 4000 A-1230 L

PPA-MX30

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.011	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	6895	MPa	ASTM D 638
Tensile Strength	104	MPa	ASTM D 638
Flexural Modulus	6205	MPa	ASTM D 790
Flexural Strength	200	MPa	ASTM D 790
Izod Impact notched, 1/8 in	42.7	J/m	ASTM D 256

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.12	%	ASTM D 570
Density	1450	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 - 149	°C	-
Injection pressure	68.9 - 124	MPa	-

Characteristics**Processing**

Injection Molding

Additives

Lubricants

Regional Availability

North America, Europe, Asia Pacific