

RTP 6091-70A BLACK

TPE

RTP Company

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	2.76	MPa	ASTM D 412
Shore D Hardness	72	-	ASTM D 2240
Tear Strength	19.3	kN/m	ASTM D 624
Compression Set , 22 hr @ 158 °F	44	%	ASTM D 395
Tensile Strength at Break	4.72	MPa	ASTM D 412
Elongation at Break	340	%	ASTM D 412
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.12	mm	-
Other properties			
Density	940	kg/m ³	ASTM D 792
Moisture Content	0.08	%	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	82.2	°C	-
Pre-drying - Time	4	h	-
Melt temperature	263 - 282	°C	-
Mold temperature	35 - 71.1	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Delivery form

Black