

RTP 6091-55A BLACK

TPE

RTP Company

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	1.72	MPa	ASTM D 412
Shore A Hardness	57	-	ASTM D 2240
Tear Strength	13.1	kN/m	ASTM D 624
Compression Set , 22 hr @ 158 °F	35	%	ASTM D 395
Tensile Strength at Break	3.03	MPa	ASTM D 412
Elongation at Break	300	%	ASTM D 412

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.12	mm	-

Other properties	Value	Unit	Test Standard
Density	940	kg/m ³	ASTM D 792
Moisture Content	0.08	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
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