

RTP 6091-85A PA12 BLACK

TPE

RTP Company

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	4.83	MPa	ASTM D 412
Shore D Hardness	85	-	ASTM D 2240
Tear Strength	29.8	kN/m	ASTM D 624
Compression Set , 22 hr @ 158 °F	37	%	ASTM D 395
Tensile Strength at Break	8.14	MPa	ASTM D 412
Elongation at Break	400	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	970	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