

RTP 6003-55A UV

TPE

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.015	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	1.9	MPa	ASTM D 412
Shore A Hardness	56	-	ASTM D 2240
Tear Strength	25.4	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	19	%	ASTM D 395

Other properties	Value	Unit	Test Standard
Density	980	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	82.2	°C	-
Pre-drying - Time	4	h	-
Melt temperature	177 - 216	°C	-
Mold temperature	15.6 - 48.9	°C	-
Injection pressure	27.6 - 68.9	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

U.V. stabilized or stable to weather