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**Product Data Sheet &
General Processing Conditions**

**RTP 2700 S-80A MD Natural
Saturated Styrenic Block Copolymer (TES/SEBS or
other)
General Purpose
ISO 10993 tested**

PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS

PERMANENCE	English	SI Metric	ASTM TEST
Specific Gravity	0.89	0.89	D 792
MECHANICAL			
Tensile Strength Die C, 0.125 in, 20 in/min (3.2mm, 500 mm/min)	1800 psi	12 MPa	D 412
Tensile Elongation Break, Die C, 0.125 in, 20 in/min (3.2mm, 500 mm/min)	760.0 %	760.0 %	D 412
Tensile Stress Die C 0.125 in, 20 in/min (3.2 mm, 500 mm/min) @ 100 %	400.0 psi 230.0 pli	2.8 MPa 40.3 N/mm	D 412 D 624
Tear Strength, Die C			
Peel Strength *** 90 degrees, 20 in/min (500 mm/min) PP, Failure Type D PP (30% GF), Failure Type D	25.0 pli 18.0 pli	4.4 N/mm 3.2 N/mm	RTP 55 RTP 55
Compression Set 22 h @ 23 °C (73 °F), Method B, Type 2 22 h @ 70 °C (158 °F), Method B, Type 2	30 % 55 %	30 % 55 %	D 395 D 395
Hardness Shore A, 10 s delay	80	80	D 2240
THERMAL			
Ignition Resistance* Flammability**	HB @ 1/16 in	HB @ 1.5 mm	D 635

PROPERTY NOTES

Data herein is typical and not to be construed as specifications.

Unless otherwise specified, all data listed is for natural or black colored materials. Pigments can affect properties.

* This rating is not intended to reflect hazards of this or any other material under actual fire conditions.

** Values per RTP Company testing.

*** Values per RTP Company testing. Failure types: R=overmold failure, D=interface failure, S=substrate failure.

GENERAL PROCESSING FOR INJECTION MOLDING

	English	SI Metric
Melt Temperature	360 - 450 °F	182 - 232 °C
Mold Temperature	60 - 100 °F	16 - 38 °C
Drying	2 hrs @ 175 °F	2 hrs @ 79 °C