



**Product Data Sheet &  
General Processing Conditions**

**RTP 2740 S-80A HF  
Saturated Styrenic Block Copolymer  
(TES/SEBS or other)  
High Flow  
Preliminary Datasheet**

**PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS**

<b>PERMANENCE</b>	<b>English</b>	<b>SI Metric</b>	<b>ASTM TEST</b>
Specific Gravity	1.14	1.14	D 792
Molding Shrinkage 1/8 in (3.2 mm) section	0.0100 - 0.0200 in/in	1.00 - 2.00 %	D 955
<b>MECHANICAL</b>			
Tensile Strength Die C, 0.125 in, 20 in/min (3.2mm, 500 mm/min)	1200 psi	8 MPa	D 412
Tensile Elongation Break, Die C, 0.125 in, 20 in/min (3.2mm, 500 mm/min)	750.0 %	750.0 %	D 412
Tensile Stress Die C 0.125 in, 20 in/min (3.2 mm, 500 mm/min) @ 100 %	445.0 psi	3.1 MPa	D 412
Tear Strength, Die C	190.0 pli	33.3 N/mm	D 624
Compression Set 22 h @ 23 °C (73 °F), Method B, Type 2	20 %	20 %	D 395
22 h @ 70 °C (158 °F), Method B, Type 2	42 %	42 %	D 395
Hardness Shore A, 10 s delay	80	80	D 2240

**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.

**GENERAL PROCESSING FOR INJECTION MOLDING**

	<b>English</b>	<b>SI Metric</b>
Melt Temperature	360 - 420 °F	182 - 216 °C
Mold Temperature	60 - 75 °F	16 - 24 °C