



**Product Data Sheet &  
General Processing Conditions**

**RTP 2740 S-90A HF  
Saturated Styrenic Block Copolymer  
(TES/SEBS or other)  
TPE  
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
<b>MECHANICAL</b>			
Tensile Strength Die C, 0.125 in, 20 in/min (3.2mm, 500 mm/min)	1700 psi	12 MPa	D 412
Tensile Elongation Break, Die C, 0.125 in, 20 in/min (3.2mm, 500 mm/min)	600.0 %	600.0 %	D 412
Tensile Stress Die C 0.125 in, 20 in/min (3.2 mm, 500 mm/min) @ 100 %	965.0 psi	6.7 MPa	D 412
Tear Strength, Die C	300.0 pli	52.6 N/mm	D 624
Compression Set 22 h @ 23 °C (73 °F), Method B, Type 2	24 %	24 %	D 395
22 h @ 70 °C (158 °F), Method B, Type 2	48 %	48 %	D 395
Hardness			
Shore A, 10 s delay	91	91	D 2240
Shore D, instantaneous	35	35	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 - 410 °F	182 - 210 °C
Mold Temperature	65 - 75 °F	18 - 24 °C