



(+) 18816996168  
Ponciplastics.com

**Product Data Sheet &  
General Processing Conditions**

**RTP 2700 S-30A  
Saturated Styrenic Block Copolymer (TES/SEBS or  
other)  
General Purpose**

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

| <b>PERMANENCE</b>                                                             | <b>English</b> | <b>SI Metric</b> | <b>ASTM<br/>TEST</b> |
|-------------------------------------------------------------------------------|----------------|------------------|----------------------|
| Specific Gravity                                                              | 0.89           | 0.89             | D 792                |
| <b>MECHANICAL</b>                                                             |                |                  |                      |
| Tensile Strength<br>Die C, 0.125 in, 20 in/min (3.2mm, 500 mm/min)            | 630 psi        | 4 MPa            | D 412                |
| Tensile Elongation<br>Break, Die C, 0.125 in, 20 in/min (3.2mm, 500 mm/min)   | 660.0 %        | 660.0 %          | D 412                |
| Tensile Stress<br>Die C 0.125 in, 20 in/min (3.2 mm, 500 mm/min)<br>@ 100 %   | 85.0 psi       | 0.6 MPa          | D 412                |
| Tear Strength, Die C                                                          | 100.0 pli      | 17.5 N/mm        | D 624                |
| Peel Strength ***<br>90 degrees, 20 in/min (500 mm/min)<br>PP, Failure Type R | 25.0 pli       | 4.4 N/mm         | RTP 55               |
| PP (30% GF), Failure Type R                                                   | 24.0 pli       | 4.2 N/mm         | RTP 55               |
| Compression Set<br>22 h @ 23 °C (73 °F), Method B, Type 2                     | 12 %           | 12 %             | D 395                |
| 22 h @ 70 °C (158 °F), Method B, Type 2                                       | 45 %           | 45 %             | D 395                |
| Hardness<br>Shore A, 10 s delay                                               | 30             | 30               | D 2240               |
| <b>THERMAL</b>                                                                |                |                  |                      |
| Ignition Resistance*<br>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**

|                  | <b>English</b> | <b>SI Metric</b> |
|------------------|----------------|------------------|
| 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    |