

# RTP 2740 S-90A

Styrene Ethylene Butylene Styrene Block Copolymer

RTP Company

### Message:

Warning: The status of this material is 'Commercial: Limited Issue'  
The data for this material has not been recently verified.  
Please contact RTP Company for current information prior to specifying this grade.

| General Information                            |                         |                   |             |
|--|-------------------------|-------------------|-------------|
| RoHS Compliance                                | Contact manufacturer    |                   |             |
| Forms  | Particle                |                   |             |
| Processing Method                              | Injection molding       |                   |             |
| Physical                                       | Nominal Value           | Unit              | Test Method |
| Specific Gravity                               | 1.17                    | g/cm <sup>3</sup> | ASTM D792   |
| Molding Shrinkage - Flow (3.20 mm)             | 1.2 - 1.5               | %                 | ASTM D955   |
| Hardness                                       | Nominal Value           | Unit              | Test Method |
| Durometer Hardness                             |                         |                   | ASTM D2240  |
| Shaw A, 10 seconds                             | 90                      |                   | ASTM D2240  |
| Shaw D   | 42                      |                   | ASTM D2240  |
| Elastomers                                     | Nominal Value           | Unit              | Test Method |
| Tensile Strength <sup>1</sup> (Break, 3.20 mm) | 14.5                    | MPa               | ASTM D412   |
| Tensile Elongation <sup>2</sup> (Break)        | 1000                    | %                 | ASTM D412   |
| Tear Strength <sup>3</sup>                     | 61.3                    | kN/m              | ASTM D624   |
| Additional Information                         |                         |                   |             |
| Moisture Content: <0.04%                       |                         |                   |             |
| Injection                                      | Nominal Value           | Unit              |             |
| Drying Temperature                             | 76.7                    | °C                |             |
| Drying Time                                    | 2.0 - 4.0               | hr                |             |
| Processing (Melt) Temp                         | 163 - 204               | °C                |             |
| Mold Temperature                               | 15.6 - 37.8             | °C                |             |
| Injection Pressure                             | 34.5 - 68.9             | MPa               |             |
| NOTE   |                         |                   |             |
| 1.   | C mold, 500 mm/min      |                   |             |
| 2.   | Mouth die C, 500 mm/min |                   |             |
| 3.   | C mould                 |                   |             |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

# Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

