

# RTP 2800 B-30D FR

Thermoplastic Vulcanizate

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.  
Flame Retardant

| General Information  |                      |                   |             |
|--|----------------------|-------------------|-------------|
| Features   | Flame Retardant      |                   |             |
| RoHS Compliance  | Contact Manufacturer |                   |             |
| Processing Method  | Injection Molding    |                   |             |
| Physical   | Nominal Value        | Unit              | Test Method |
| Specific Gravity   | 1.30                 | g/cm <sup>3</sup> | ASTM D792   |
| Molding Shrinkage - Flow (3.20 mm)                         | 1.5 to 2.0           | %                 | ASTM D955   |
| Moisture Content   | 0.030                | %                 |             |
| Hardness   | Nominal Value        | Unit              | Test Method |
| Durometer Hardness (Shore D)                               | 30                   |                   | ASTM D2240  |
| Elastomers   | Nominal Value        | Unit              | Test Method |
| Tensile Strength (Yield)                                   | 6.55                 | MPa               | ASTM D412   |
| Tensile Elongation (Yield)                                 | > 550                | %                 | ASTM D412   |
| Tear Strength <sup>1</sup>                                 | 31.5                 | kN/m              | ASTM D624   |
| Impact   | Nominal Value        | Unit              | Test Method |
| Notched Izod Impact (3.20 mm)                              | No Break             |                   | ASTM D256   |
| Unnotched Izod Impact (3.20 mm)                            | No Break             |                   | ASTM D4812  |
| Flammability   | Nominal Value        |                   | Test Method |
| Flame Rating (1.50 mm, ** Values per RTP Company testing.) | V-0                  |                   | UL 94       |
| Injection  | Nominal Value        | Unit              |             |
| Drying Temperature   | 79.4                 | °C                |             |
| Drying Time  | 2.0                  | hr                |             |
| Dew Point  | -17.8                | °C                |             |
| Processing (Melt) Temp                                     | 182 to 210           | °C                |             |
| Mold Temperature   | 15.6 to 65.6         | °C                |             |
| Injection Pressure   | 68.9 to 124          | MPa               |             |
| NOTE   |                      |                   |             |

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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



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