

# PPR TPV08

Thermoplastic Vulcanizate

Premier Plastic Resins, Inc.

## Message:

PPR TPV08 is a thermoplastic vulcanized rubber (TPV) product. It is available in North America.

| General Information          |               |                   |             |
|------------------------------|---------------|-------------------|-------------|
| Physical                     | Nominal Value | Unit              | Test Method |
| Specific Gravity             | 0.968         | g/cm <sup>3</sup> | ASTM D792   |
| Molding Shrinkage - Flow     | 1.3           | %                 | ASTM D955   |
| Hardness                     | Nominal Value | Unit              | Test Method |
| Durometer Hardness (Shore A) | 55            |                   | ASTM D2240  |
| Mechanical                   | Nominal Value | Unit              | Test Method |
| Tensile Strength (Yield)     | 14.5          | MPa               | ASTM D638   |
| Tensile Elongation (Break)   | 500           | %                 | ASTM D638   |
| Injection                    | Nominal Value | Unit              |             |
| Drying Temperature           | 77            | °C                |             |
| Drying Time                  | 3.0           | hr                |             |
| Suggested Max Moisture       | 0.20          | %                 |             |
| Rear Temperature             | 216           | °C                |             |
| Middle Temperature           | 210           | °C                |             |
| Front Temperature            | 204           | °C                |             |
| Nozzle Temperature           | 204           | °C                |             |
| Processing (Melt) Temp       | 216           | °C                |             |
| Mold Temperature             | 38            | °C                |             |

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