

Topolymer® 9210-851

Thermoplastic Vulcanizate

Dongguan Top Polymer Enterprise

Message:

Topolymer® 9000s materials are extremely suitable for automotive sealing systems. Besides the above generally grades, other Topolymer® grades series exist, each with a specialty set of properties designed to fit a variety of application requirements. In addition to standard Topolymer® series, special Topolymer® grades exist or can be developed to meet unique customer requirements.

Application:

Light colour, easy coloring. Recommended for applications requiring excellent flex fatigue resistance, excellent ozone resistance. Used in interior, encapsulation applications and sealing applications. These grades of Topolymer TPVs can be processed on conventional thermoplastics equipment for injection molding, extrusion or blow-molding.

| General Information | |
|---------------------|-------------------------|
| Features | Good Colorability |
| | Ozone Resistant |
| Uses | Automotive Applications |
| | Seals |
| Agency Ratings | EC 1907/2006 (REACH) |
| | FDA 21 CFR 177.2600 |
| RoHS Compliance | RoHS Compliant |
| Processing Method | Blow Molding |
| | Encapsulating |
| | Extrusion |
| | Injection Molding |

| Physical | Nominal Value | Unit |
|-------------------------------|---------------|-------|
| Specific Gravity | 0.950 | g/cm³ |
| Hardness | Nominal Value | Unit |
| Durometer Hardness (Shore A) | 85 | |
| Elastomers | Nominal Value | Unit |
| Tensile Strength | 15.5 | MPa |
| Tensile Elongation (Break) | 510 | % |
| Tear Strength | 55.1 | kN/m |
| Compression Set (70°C, 22 hr) | 43 | % |

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