

Sarlink® TPV 2477

Thermoplastic Vulcanizate

Teknor Apex Company

Message:

Sarlink® TPV 2477 is a thermoplastic vulcanized rubber (TPV) material. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The processing method is extrusion or injection molding.

Typical application areas include:

- engineering/industrial accessories
- building applications
- Hose
- Water pipes/pipes/drinking water
- application of coating

| General Information | | | |
|---|---------------------------------|-------------------|-------------|
| Uses | Plug | | |
| | Washer | | |
| | Washer | | |
| | Pipe fittings | | |
| | Shock Absorbing Pad | | |
| | Weather-resistant sealing strip | | |
| | Expansion Joint | | |
| | Assembled glass | | |
| Agency Ratings | NSF 61 | | |
| Appearance | Opacity | | |
| Forms | Particle | | |
| Processing Method | Extrusion | | |
| | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.958 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 1.5 | g/10 min | ASTM D1238 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 75 | | ASTM D2240 |
| Injection | Nominal Value | Unit | |
| Rear Temperature | 173 - 213 | °C | |
| Middle Temperature | 179 - 219 | °C | |
| Front Temperature | 184 - 224 | °C | |
| Nozzle Temperature | 190 - 230 | °C | |
| Processing (Melt) Temp | 190 - 230 | °C | |
| Mold Temperature | 35.0 - 60.0 | °C | |
| Injection Pressure | 1.38 - 6.89 | MPa | |

| | | |
|------------------------|---------------|------|
| Injection Rate | Fast | |
| Back Pressure | 0.172 - 0.862 | MPa |
| Screw Speed | 50 - 120 | rpm |
| Cushion | 3.81 - 25.4 | mm |
| Extrusion | Nominal Value | Unit |
| Cylinder Zone 1 Temp. | 166 - 204 | °C |
| Cylinder Zone 2 Temp. | 171 - 210 | °C |
| Cylinder Zone 3 Temp. | 177 - 216 | °C |
| Cylinder Zone 5 Temp. | 182 - 221 | °C |
| Die Temperature | 190 - 227 | °C |
| Extrusion instructions | | |

螺杆转速30 - 100 rpm

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