

ALFATER XL® A50I 4FC0000

Thermoplastic Vulcanizate

ALBIS PLASTIC GmbH

Message:

ALFATER XL® A50I 4FC0000 is a Thermoplastic Vulcanizate (TPV) product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Applications of ALFATER XL® A50I 4FC0000 include food contact applications, handles, hose/tubing and sealing applications.

Characteristics include:

REACH Compliant

RoHS Compliant

| General Information | | | |
|--------------------------------------|--|-------------------|-------------|
| Features | Alkali Resistant Ozone Resistant | | |
| Uses | Handles Non-specific Food Applications Seals Tubing | | |
| Agency Ratings | EC 1907/2006 (REACH) | | |
| RoHS Compliance | RoHS Compliant | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.950 | g/cm ³ | ISO 1183 |
| Hardness | Nominal Value | Unit | Test Method |
| Shore Hardness (Shore A) | 50 | | ISO 868 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress (100% Strain) | 1.80 | MPa | ISO 527-2 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Stress (Break) | 5.70 | MPa | ISO 37 |
| Tensile Elongation (Break) | 520 | % | ISO 37 |
| Tear Strength | 27 | kN/m | ISO 34-1 |
| Compression Set (100°C, 22 hr) | 35 | % | ISO 815 |
| Thermal | Nominal Value | Unit | |
| Service Temperature | -40 to 125 | °C | |
| Injection | Nominal Value | Unit | |
| Drying Temperature - Desiccant Dryer | 70.0 to 80.0 | °C | |
| Drying Time - Desiccant Dryer | 2.0 to 4.0 | hr | |
| Processing (Melt) Temp | 195 to 215 | °C | |
| Mold Temperature | 10.0 to 70.0 | °C | |
| Injection Rate | Fast | | |

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