



ENFLEX® VX-412-50A

Ravago Manufacturing Turkey - Thermoplastic Vulcanizate

General Information

Product Description

Economical, vulcanized EPDM/PP series, very high flow compound

General

| | |
|-----------------|----------------------|
| Material Status | • Commercial: Active |
| Availability | • Europe |
| Features | • High Flow |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|-------------------------------------|---------------|-------------------|-------------|
| Density | 0.940 | g/cm ³ | ASTM D1505 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Stress (100% Strain) | 1.50 | MPa | ISO 37 |
| Tensile Stress (300% Strain) | 2.50 | MPa | ISO 37 |
| Tensile Stress (Break) | 5.60 | MPa | ISO 37 |
| Tensile Elongation (Break) | 620 | % | ISO 37 |
| Tear Strength | 26.0 | kN/m | ISO 34-1 |
| Compression Set | | | ASTM D395B |
| 70°C, 22 hr | 35 | % | |
| 100°C, 22 hr | 66 | % | |
| Hardness | Nominal Value | Unit | Test Method |
| Shore Hardness (Shore A) | 50 | | ISO 868 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -55.0 | °C | ISO 974 |
| Maximum Dynamic Service Temperature | 135 | °C | |

Notes

¹ Typical properties: these are not to be construed as specifications.