



ENFLEX® VU-424-65A

Ravago Manufacturing Turkey - Thermoplastic Vulcanizate

General Information

Product Description

Economical, vulcanized EPDM/PP series

General

| | |
|-----------------|----------------------|
| Material Status | • Commercial: Active |
| Availability | • Europe |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|---|---------------|-------------------|-------------|
| Density | 0.970 | g/cm ³ | ISO 1183 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Stress (100% Strain) | 2.40 | MPa | ISO 37 |
| Tensile Stress (300% Strain) | 3.70 | MPa | ISO 37 |
| Tensile Stress (Break) | 7.90 | MPa | ISO 37 |
| Tensile Elongation (Break) | 670 | % | ISO 37 |
| Tear Strength | 36.0 | kN/m | ISO 34-1 |
| Compression Set | | | ASTM D395B |
| -25°C, 22 hr | 7.0 | % | |
| 23°C, 22 hr | 17 | % | |
| 70°C, 22 hr | 42 | % | |
| Hardness | Nominal Value | Unit | Test Method |
| Shore Hardness (Shore A) | 65 | | ISO 868 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -55.0 | °C | ISO 974 |
| Maximum Dynamic Service Temperature | 135 | °C | |
| Aging | Nominal Value | Unit | Test Method |
| Change in Tensile Strength in Air (125°C, 336 hr) | 1.1 | % | ISO 188 |
| Change in Tensile Strain at Break in Air | | | ISO 188 |
| 125°C, 336 hr | 600 | % | |
| Change in Shore Hardness in Air | | | ISO 188 |
| Shore A, 125°C, 336 hr | | | |
| | • | -1.0 | |
| | • | 1.0 | |

Notes

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