

# ENFLEX VU-420-90A

Thermoplastic Vulcanizate

ENPLAST, a Ravago Group Company

Message:

Economical, vulcanized EPDM/PP series

| General Information                 |               |                   |             |
|-------------------------------------|---------------|-------------------|-------------|
| Physical                            | Nominal Value | Unit              | Test Method |
| Density                             | 0.970         | g/cm <sup>3</sup> | ISO 2781    |
| Hardness                            | Nominal Value | Unit              | Test Method |
| Durometer Hardness (Shore A)        | 90            |                   | ISO 868     |
| Elastomers                          | Nominal Value | Unit              | Test Method |
| Tensile Stress                      |               |                   | ISO 37      |
| 100% strain                         | 4.00          | MPa               | ISO 37      |
| 300% strain                         | 5.50          | MPa               | ISO 37      |
| Tensile Stress (Break)              | 12.0          | MPa               | ISO 37      |
| Tensile Elongation (Break)          | 620           | %                 | ISO 37      |
| Tear Strength                       | 62            | kN/m              | ISO 34-1    |
| Compression Set                     |               |                   | ASTM D395B  |
| 23°C, 22 hr                         | 33            | %                 | ASTM D395B  |
| 70°C, 22 hr                         | 48            | %                 | ASTM D395B  |
| 100°C, 22 hr                        | 62            | %                 | ASTM D395B  |
| Thermal                             | Nominal Value | Unit              | Test Method |
| Brittleness Temperature             | -55.0         | °C                | ISO 974     |
| Maximum Dynamic Service Temperature | 135           | °C                |             |

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## Recommended distributors for this material

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