

Forprene® 6NE901A70

Thermoplastic Vulcanizate

SO.F.TER. SPA

Message:

Forprene® 6NE901A70 is a thermoplastic vulcanized rubber (TPV) material. This product is available in North America, Latin America or Europe. The processing method is: extrusion. Forprene® The main characteristics of 6NE901A70 are: compliance with REACH standards.

Typical application areas include:

industrial applications

building applications

Automotive Industry

| General Information | | | |
|--|---------------------------------|-------|-------------|
| Uses | Industrial application | | |
| | Architectural application field | | |
| | Application in Automobile Field | | |
| Agency Ratings | EC 1907/2006 (REACH) | | |
| Appearance | Black | | |
| Processing Method | Extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.960 | g/cm³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 72 | | ASTM D2240 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Set | 18 | % | ASTM D412 |
| Tensile Stress ¹ (100% Strain) | 2.60 | MPa | ASTM D412 |
| Tensile Strength ² | 6.60 | MPa | ASTM D412 |
| Tensile Elongation ³ (Break) | 560 | % | ASTM D412 |
| Tear Strength ⁴ | 28.0 | kN/m | ASTM D624 |
| Compression Set ⁵ (70°C, 22 hr) | 38 | % | ASTM D395B |
| Extrusion | Nominal Value | Unit | |
| Drying Temperature | 80.0 | °C | |
| Drying Time | 3.0 | hr | |
| Cylinder Zone 1 Temp. | 160 | °C | |
| Cylinder Zone 2 Temp. | 170 | °C | |
| Cylinder Zone 3 Temp. | 180 | °C | |
| Die Temperature | 170 | °C | |
| Extrusion instructions | | | |
| Extrusion Head Temperature: 180°C | | | |
| NOTE | | | |
| 1. | Mouth die c | | |
| 2. | Mouth die c | | |

| | |
|----|-------------|
| 3. | Mouth die c |
| 4. | C mould |
| 5. | Type 1 |

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Recommended distributors for this material

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