

# Forprene® 6NE001A55

Thermoplastic Vulcanizate

SO.F.TER. SPA

## Message:

Forprene® 6NE001A55 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 6NE001A55 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                                 | Natural color                   |                   |             |
| Processing Method                          | Extrusion                       |                   |             |
| Physical                                   | Nominal Value                   | Unit              | Test Method |
| Specific Gravity                           | 0.960                           | g/cm <sup>3</sup> | ASTM D792   |
| Hardness                                   | Nominal Value                   | Unit              | Test Method |
| Durometer Hardness (Shore A, 15 sec)       | 57                              |                   | ASTM D2240  |
| Elastomers                                 | Nominal Value                   | Unit              | Test Method |
| Tensile Set                                | 12                              | %                 | ASTM D412   |
| Tensile Stress <sup>1</sup> (100% Strain)  | 1.60                            | MPa               | ASTM D412   |
| Tensile Strength <sup>2</sup>              | 4.80                            | MPa               | ASTM D412   |
| Tensile Elongation <sup>3</sup> (Break)    | 550                             | %                 | ASTM D412   |
| Tear Strength <sup>4</sup>                 | 23.0                            | kN/m              | ASTM D624   |
| Compression Set <sup>5</sup> (70°C, 22 hr) | 37                              | %                 | 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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