

# DATASHEET FPM-D 82 SH-A WARM BROWN

Fluoro Rubber

| PROPERTIES                | DIN STANDARD  | UNIT              | VALUE  | UNIT              | VALUE  |
|---------------------------|---------------|-------------------|--------|-------------------|--------|
| Colour                    |               |                   | BROWN  |                   | BROWN  |
| Hardness 23°C             | DIN ISO 868   | Shore A           | 82 ± 5 | Shore A           | 82 ± 5 |
| Hardness 23°C/3 sek       | DIN ISO 868   | Shore A           |        | Shore A           |        |
| Modulus 100%              | DIN 53 504    | MPa               | ≥6     | psi               | ≥ 870  |
| Tensile strength          | DIN 53 504    | Mpa               | ≥9     | psi               | ≥ 1305 |
| Elongation at break       | DIN 53 504    | %                 | ≥ 130  | %                 | ≥ 130  |
| Tear strenght             | DIN ISO 34-1  | kN/m              | ≥5,4   | lbf/inch          | ≥30,8  |
| spec. gravity             | ISO 1183      | kg/m <sup>3</sup> | 2540   | g/cm <sup>3</sup> | 2,54   |
| Rebound elasticity        | DIN 53 512    | %                 | 7      | %                 | 7      |
| Résistance à l'abrasion   | DIN 53516     | mm <sup>3</sup>   | 261    | mm <sup>3</sup>   | 261    |
| Compression set 70°C/24h  | DIN ISO 815-1 | %                 | ≤17    | %                 | ≤17    |
| Compression set 100°C/24h | DIN ISO 815-1 | %                 |        | %                 |        |
| Compression set 150°C/24h | DIN ISO 815-1 |                   |        |                   |        |
| Service température min.  |               | °C                | -20    | °F                | -4     |
| Service température max.  |               | °C                | +220   | °F                | +428   |

All the above data comes from random tests on current production, based on a standard sample according to ISO, DIN and ASTM. These standards cannot be applied directly to the building element.

Our technical advice, whether oral, written or test-based, is provided to the best of our knowledge, but should be considered non-binding. They do not dispense from testing the product to verify its suitability for the process and intended purpose.

The use and processing of the products is beyond our control and under your responsibility.

In case of liability, this will be limited to the value of the product delivered and used.

We guarantee the irreproachable quality of our products in accordance with our general conditions of sale and delivery.