



FPM compound 10363 - Technical Data sheet
60FPM V-ring brown

Material : Fluor elastomer; colour brown

Specification : M2HK607A1-10B38EF31EO78 acc. ASTM D2000

| <i>Physical properties</i> | <i>Units</i> | <i>Requirements</i> | <i>Results</i> |
|---|-----------------|---------------------|----------------|
| Hardness | degrees Shore A | 60±5 | 64 |
| Tensile strength | psi | 1595/1740 | 1628 |
| Elongation | % | 200 | 376 |
| Tear strength | kg-cm | - | 26 |
| Modulus at 100% | - | 322 | |
| Modulus at 200% | - | 794 | |
| Modulus at 300% | - | 1313 | |
| Specific gravity | - | 2,006 | |
| A1-10 Heat Resistance at 250°C/70h | | | |
| Hardness change | degrees | +10 | +5 |
| Tensile strength change | % | -25 | +3 |
| Elongation change | % | -25 | -16 |
| Volume change | % | -- | -2 |
| B38 Compression set on test slab 200°C/22h | | | |
| Compression set | % | 50 | 19 |
| EO78 ASTM oil 101 at 200°C/70h | | | |
| Hardness change | | -15/+5 | -7 |
| Tensile strength change | | -40 | -24 |
| Elongation change | | -20 | -17 |
| Volume change | | 0/+15 | +11 |
| EF31 Fuel C resistance at 23°C/70h | | | |
| Hardness change | | ±5 | -3 |
| Tensile strength change | | -25 | -21 |
| Elongation change | | -20 | -18 |
| Volume change | | 0/+10 | +5 |

Note :

The specifications given in this data sheet are the result of research carried out with the best possible accuracy and according to the test methods laid down in the standards referred to.

Tests carried out in different laboratories, under different conditions and/or with different prepared samples may give slightly different test results. This data sheet replaces all earlier given technical specifications which herewith, become void.