

Kerouk company

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Compound : NBR70
Color : Black
Hardness : Shore A 70 ±5

| Property | Test Method | U.m. | Measured Value |
|---------------------|-------------------|----------------------|----------------|
| Hardness | ASTM D 2240 3s | Shore A | 73 |
| Specific Gravity | UNI 7092-72 | gr / cm ³ | 1.258 |
| Tensile Strength | ASTM D412 C | MPa | 16.2 |
| Elongation at break | ASTM D 412 C | % | 322 |
| Tear Resistance | ASTM D 624 B | N/mm | 58.4 |
| Modulus at 100% | ASTM D 412 C | MPa | 5.8 |
| Modulus at 300% | ASTM D 412 C | MPa | 13.1 |
| Brittle Point | ASTM D 2177 / 94A | LC | -30 |

COMPRESSION SET – DEFORMATION 25%

| Time Hours | Test Method | Result % | Temperature LC |
|------------|--------------|----------|----------------|
| 24 | ASTM D 395 B | 8.5 | 100 |
| 70 | ASTM D 395 B | 16.5 | 100 |
| 70 | ASTM D 395 B | 13 | 24 |

CHANGE OF PROPERTIES AFTER AGEING

| Medium | Time hrs | Temperature °C | Hardness Pts | Tensile str % | Elongation % | Volume % | Test Method |
|------------|----------|----------------|--------------|---------------|--------------|----------|-------------|
| Air | 72 | 100 | +4 | -3.5 | -21 | - | ASTM D573 |
| ASTM 1 Oil | 72 | 100 | +5 | +7 | -25.5 | -4.2 | ASTM D471 |
| ASTM 3 Oil | 72 | 100 | -4 | +12.5 | -20.5 | +8.2 | ASTM D471 |
| Water | 70 | 100 | -2 | -2 | -2 | +4.5 | ASTM D471 |