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Datasheet

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锐腾 ReTeng[®] FS-40

● Description

Application O-ring and gasket
Form and Color Sheet
 White

● Reference Recipes and Properties

| | | |
|---|-----------------|-----|
| | | R1 |
| FS-40 | | 100 |
| 101XL-45PS | | 1 |
| TOTAL | | 101 |
| Compression Moulding, 10 minutes at 175°C | | |
| Post-Curing, 4 hours at 200°C | | |
| Tensile Properties, T2 at 23°C | | |
| Tensile Strength | MPa | 12 |
| Elongation at break | % | 440 |
| Hardness , 1 second at 23°C | Shore A | 42 |
| Tear Angle at 23°C | kN/m | 15 |
| Compression set, 22 hours at 180°C | % | 8 |
| Heat resistance, 70 hours at 200°C | | |
| Tensile Strength Change | % | -14 |
| Elongation Change | % | -6 |
| Hardness Change | Points increase | 2 |

- **Test Procedures**

| Property Measured | Test Procedure |
|--------------------|----------------|
| Tensile Properties | ASTM D412 |
| Hardness Shore A | ASTM D1414 |
| Compression set | ASTM D395 |

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