



Parnian Compounder Men Technical Datasheet

Rev.:2024/09/26

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|---------------------------------|---|-------------------------------|---|
| Technical Code PR 672 | Polymer Base EPDM (Peroxide Cure) | Hardness Class 72±3 | Color Black |
| Date 2025.01.05 | Customer - | Reference - | Application Peroxide Cure, Excellent Sealing in High Temp. |

| Curing Conditions | | Post Curing |
|--------------------------|------------------|-------------|
| Test sheet thickness 2mm | 10 min. at 175°C | Not |
| Test sheet thickness 6mm | 10 min. at 175°C | Not |
| Test part 29*12.5 mm | 10 min. at 175°C | Not |

| Property | Unit | Test Method | Value | Requirement |
|---|---------|-------------|-------|-------------|
| Hardness | Shore A | ASTM D2240 | 72 | |
| Density | gr/cc | ASTM D297 | 1.164 | |
| Tensile Strength | MPa | ASTM D412 | 13.96 | |
| Elongation at Break | % | ASTM D412 | 174 | |
| Tear Resistance | N/m | ASTM D624 | 25.4 | |
| Rebound Resilience | % | ASTM D7121 | 62.16 | |
| Abrasion Resistance | % | ASTM D5963 | - | |
| 100% Modulus | MPa | ASTM D412 | 6.04 | |
| 200% Modulus | MPa | ASTM D412 | - | |
| 300% Modulus | MPa | ASTM D412 | - | |
| Heat Aging 7 d / 70°C | | | | |
| △ Hardness | Shore A | ASTM D573 | | |
| △ Tensile Strength | % | ASTM D573 | | |
| △ Elongation at Break | % | ASTM D573 | | |
| △ Mass | % | - | | |
| △ Volume | % | - | | |
| Chemical Resistance 7 d / 23°C in | | | | |
| △ Hardness | Shore A | ASTM D471 | | |
| △ Tensile Strength | % | ASTM D471 | | |
| △ Elongation at Break | % | ASTM D471 | | |
| △ Mass | % | ASTM D471 | | |
| △ Volume | % | ASTM D471 | | |
| △ Thickness | % | ASTM D471 | | |
| △ Dimension | % | ASTM D471 | | |
| Our Sourced Test | | | | |
| Ozone Resistance | - | | | |
| Cold test | - | | | |
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| Tester: | Approve: |
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