

Rubber that can withstand 300°C

Hyper hope

It can be used even the maximum contact temperature up to 300°C.

It can be used in the high temperature environment which cannot correspond to previous rubber material.

Under ambient temperature of 270°C,300 hours later,the effect of oxidation and deterioration is less, retain full rubber elasticity.

Because of the excellent temperature dependence, so during use, it keeps stable rubber hardness even if the temperature changes.

○Physical properties of rubber materials

| Physical properties | | Current heat-resisting product | New product |
|---------------------|-------|--------------------------------|-------------|
| Color | | White | Brown |
| Rubber hardness | JIS A | 60 | 60 |
| Tensile strength | MPa | 7.3 | 7.2 |
| Elongation | % | 200 | 280 |
| Tear resistance | kN/m | 20.2 | 25.1 |

※The above values are representative values and are not guaranteed values.

○Heat resistance

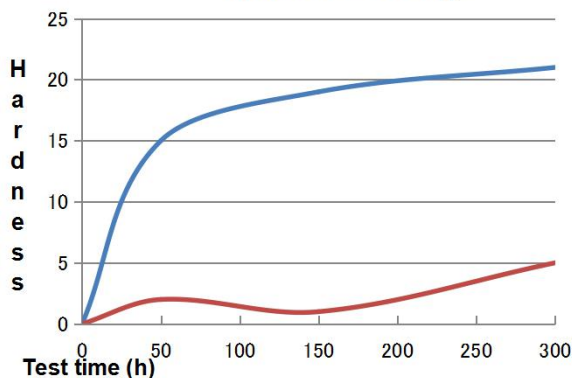
Test conditions

Temperature: 270°C

Period: 300Hours

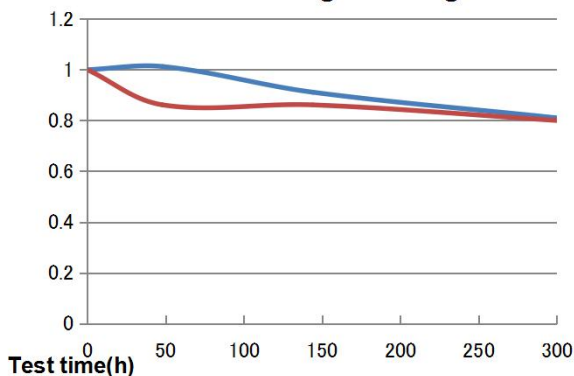
Material: — current
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Hardness change



Tensile strength

Strength change



Elongation change

Elongation change

