

High Heat Resistance and Low Cost Achieved !

High Heat Resistant Rubber HIGH-HOPE

- HIGH-HOPE is rubber material with high heat resistance next to fluorine rubber and silicone. No quick deterioration is seen even in 200°C ambience with little physical properties change lapse of 300 hours, but necessary rubber elasticity is still retainable ;
- In addition to heat resistance, it has excellent wear, vibration, and ozone resistant and resi properties.

○Rubber material properties

Material		High-Hope		
Physical properties		※ Brown or Black		
Color Phase		※ Brown or Black		
Rubber hardness	JIS A	60	70	80
Tension strength	MPa	14.3	15.6	18.1
Elongation at break	%	400	260	220
Tear strength	kN/m	30.1	33.8	36.5
Akron abrasion test	cc	0.08	0.07	0.15

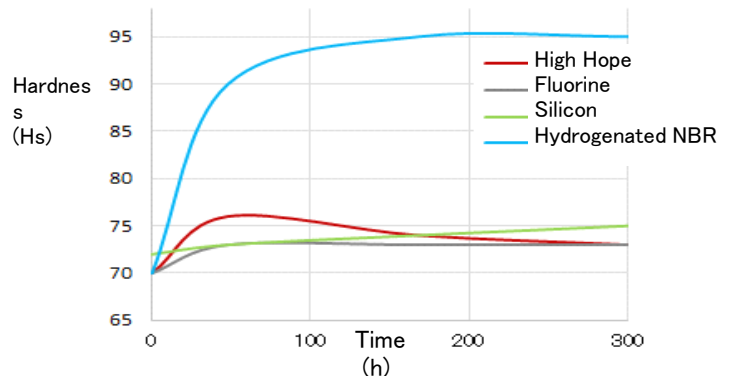
※This material may be discolored to black by ultraviolet rays and/or heat, which will not, however, influence its physical properties.

※上 Abovementioned figures are representing values and not not guarantee values.

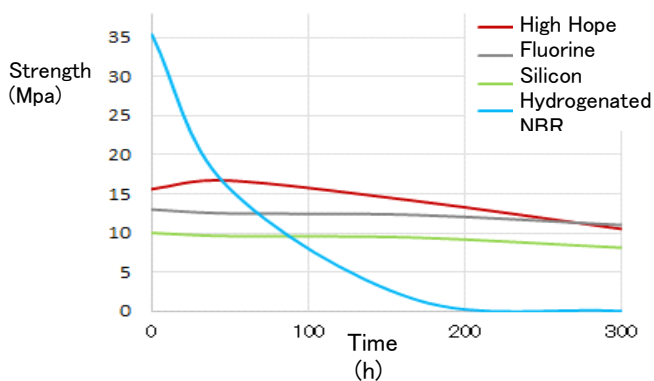
○Heat aging test

Temperature : 200°C
 Time : 300hours
 Material : High Hope
 Fluorine
 Silicon
 Hydrogenated NBR

Rubber hardness change value



Tension strength change value



Elongation at break change value

