

[HNBR]

Hydro-Nitrile-Butadien Rubber



Trademarks	<ul style="list-style-type: none"> • THERBAN • ZETPOL
Application	<ul style="list-style-type: none"> • O-Rings • Seal gaskets • Membranes • Tubes
Avail. adhesive tapes	<ul style="list-style-type: none"> • 3M 9448, 9075, 486 • SONY T4000, T4000B • NITTO Ns500, 5000NS • TESA 60976 & 4940
Minimal Customer Input	<ul style="list-style-type: none"> • 2D-Drawing (dxf; pdf) • 3D Database (igs; step)
Other avail. elastomers	<ul style="list-style-type: none"> • SBR • IIR • EPDM • VMQ • FVMQ • CR • NR • NBR
Our Strengths	<p>Vast know how and experience of our organization in numerous applications</p> <p>Highest quality standards (ISO 9001/ISO 14001 and AutomotiveTS16949)</p> <p>High Quality Tool Shop</p> <p>Possibility to sub-assemble</p>

Excellent or Good	4-6
Satisfable or Sufficient	3-4
Poor	1-3

Hardness, Shore A		45-98	
Mechanical charact. at room temp.	Tensile strength	6	
	Elongation at break	5	
	Resilience	4	
	Tear strenght	2-3	
	Abrasion resistance		6
		Compr. set	
	@high temp	5	
	@low temp	3	
Thermal	Flexibility at low temp.	4	
	Heat resistance	5	
Resistance (to)	Gasoline	4	
	Mineral oil (at 100°C)	5	
	Acids (25% H2SO4@50°C)	6	
	Alkaline (50% NaOH@50°C)	4-5	
	Water (at 100°C)	6	
	Weather and ozone	6	
	Light	6	
Impervious to gas		5	