

Material Specification as per EN 549 for Hardness range H3 (60 to 90 hardness) and B2 class (temperature range -20° to 80°C)

No.	Properties	Specification
1	Material	Nitrile
2	Hardness (IRHD)	85±5
3	Tensile Strength (Mpa)	7 min
4	Elongation at Break (%)	125 min
5	Compression Set	
	At high temperature 100°C/168 Hours (%)	40 Max
	At low temperature -20°C/72 Hours (%)	50 Max
6	Resistance to Agening Test 100°C/168 Hours	
	Change in Hardness (IRHD)	± 10 Max
	Change in Tensile Strength (%)	- 40 Max
	Change in Elongation (%)	- 40 Max
7	Resistance to Gas Imerision in n-Pentane at 23°C/72 Hours and drying at 40°C/168 hours	
	Change in Mass after Immersion (%)	+10/-5 Max
	Change in Mass after Drying (%)	+5/-8 Max
8	Resistance to Lubricants Immersion in Oil No.2 at 80°C/168 hours	
	Change in Hardness (IRHD)	± 10 Max
	Chane in Mass (%)	+15/-10 Max
9	Ozone Resistance	
	50±5 pphm/30°C/20% Elongation/24 hours	No Cracks