

## Material Data Sheet

Compound name	Description
7009N-W	WHITE NBR 70 Shore A

Properties	Unit	Typical value	Test Method
Hardness	Shore A	74	ASTM D2240
Tensile strength	Mpa	≥6.5	ASTM D412
Elongation at break	%	≥400	ASTM D412
Tear strength	Kgf/cm	≥25	ASTM D624
Heat Aging ( 100°C 168H )			
Change in hardness	Shore A	+6	ASTM D573
Change in tensile strength	%	-15	ASTM D573
Change in elongation	%	-20	ASTM D573
Fluid Resistance No.3 oil ( 100°C 72H )			
Change in hardness max	Shore A	-12	ASTM D471
Change in tensile strength max	%	-30	ASTM D471
Change in elongation max	%	-25	ASTM D471
Change in volume max	%	30	ASTM D471
Compression set with 30% compression			
24H at 100°C max	%	30	ASTM D395
Low Temperature			
3minutes at -40 °C		Pass	ASTM D2137

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