

TECHNICAL DATA SHEET

NITRILE

Polymer	NBR	
Colour	Black	
Specific Gravity	1.20 g/cm³	ASTM D297
Hardness	65° ± 5° Shore A	ASTM D2240
Abrasion	275mm³ (max) @ 10N	ASTM D5963
Tensile Strength	15 MPa (min)	ASTM D412
Elongation @ break	400 % (min)	ASTM D412
Compression Set	30 %	ASTM D395 B
Tear Strength	40 N/mm (min)	ASTM D624
Temperature Range	-25°C to +90°C	
Volume Swell @ 70°C x 72 Hrs	OIL #1 -3 % OIL #2 +5 % OIL #3 +9 %	ASTM D471