

HNBR

CHEMICAL NAME: HYDROGENATED NITRILE RUBBER

MAJOR APPLICATIONS: ROLLERS AND MOULDED PARTS

OUTSTANDING PROPERTIES:

1. EXCELLENT RESISTANCE TO HEAT AND SWELLING IN HOT OILS.
2. EXCELLENT RESISTANCE TO ALKALINE CORROSION INHIBITORS.
3. OUTSTANDING VULCANIZED PROPERTIES.

AVAILABILITY: CALENDERED SHEETS, STRIPS FOR EXTRUSION AND SLABS IN BOTH BLACK AND COLOURED COMPOUNDS.

PHYSICAL PROPERTIES		CHEMICAL RESISTANCE	
HARDNESS RANGE, SHORE A	50 - 95	ACIDS, DILUTE	E
ABRASION RESISTANCE	G - E	ALCOHOLS	E
COMPRESSION SET	G - E	ALKALIES, DILUTE	E
HYSTERESIS RESISTANCE	F - G	ALIPHATIC HC	G - E
OZONE RESISTANCE	G - E	AROMATIC HC	P - F
RESILIENCE	G	HALOGENATED HC	P
TEAR RESISTANCE	F - E	ESTERS	P - F
MAX. TEMPERATURE	350 °F	ETHERS	P - F
		KETONES	P
		WATER	E

P-POOR, F-FAIR, G-GOOD, VG-VERY GOOD, E-EXCELLENT

** PHYSICAL PROPERTIES AND CHEMICAL RESISTANCE MAY VARY IN SERVICE AND SHOULD BE VERIFIED.*