

# SILICONE

**CHEMICAL NAME:** DIMETHYL POLYSILOXANE

**MAJOR APPLICATIONS:** ROLLERS AND MOULDED PARTS

**OUTSTANDING PROPERTIES:**

1. HIGH TEMPERATURE STABILITY UP TO 500 °F.
2. EXCELLENT RELEASE PROPERTIES.
3. GOOD FLEXIBILITY AT VERY LOW TEMPERATURES.

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

PHYSICAL PROPERTIES		CHEMICAL RESISTANCE	
HARDNESS RANGE, SHORE A	40 - 80	ACIDS, DILUTE	F - G
ABRASION RESISTANCE	P - G	ALCOHOLS	F - G
COMPRESSION SET	G - E	ALKALIES, DILUTE	G
HYSTERESIS RESISTANCE	F - G	ALIPHATIC HC	P - F
OZONE RESISTANCE	E	AROMATIC HC	P
RESILIENCE	G - E	HALOGENATED HC	P
TEAR RESISTANCE	P - G	ESTERS	G
MAX. TEMPERATURE	500 °F	ETHERS	P
		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.*