



MATERIAL DATA SHEET: COMPOUND REF: P8005
 ASTM D2000M4DF808A26B16E016E036

<u>CHARACTERISTICS</u>	<u>REQUIREMENTS</u>	<u>RESULT</u>
HARDNESS, ASTMD2240,SHORE A	80+/-5	78
TENSILE STRENGTH,ASTMD412, MINIMUM	8	18
ULTIMATE ELONGATION,ASTMD412,MINIMUM	150	200
HEAT RESISTANCE.ASTMD865		
(70 HOURS AT 150C)		
HARDNESS CHANGE	10 MAX	3
TENSILE CHANGE	-25 MAX	-5
CHANGE IN ULTIMATE ELONGATION	-30 MAX	-19
COMPRESSION SET,ASTMD395 METHOD B		
(22 HOURS@150C)		
	60 MAX	15
OIL RESISTANCE,ASTMD471 #1 OIL		
(70 HOURS@150C)		
HARDNESS CHANGE	+1/-9	-3
TENSILE CHANGE	-20 MAX	2
CHANGE IN ULTIMATE ELONGATION	-30 MAX	-7
VOLUME CHANGE %	7.5+/-2.5	5
OIL RESISTANCE,ASTMD471,IRM903 OIL		
(70 HOURS @ 150C)		
HARDNESS CHANGE	-30 MAX	-27
TENSILE CHANGE	-60 MAX	-29
CHANGE IN ULTIMATE ELONGATION	-30 MAX	-25
VOLUME CHANGE %	50 MAX	46

ALL DATA IS DERIVED FROM ASTM SLABS