REVISION	EN	BY	APPR.	DATE	
INITIAL RELEASE					A
					B
					C
					D

SPECIFICATION - NEOPRENE, SPECIAL

MATERIAL: NEOPRENE COMPOUND MODIFIED FOR BITUMEN EXTRACTION APPLICATIONS

APPLICATION: FLOTATION MOLDED & HAND BUILT PARTS TO BE USED IN TAR SANDS (BITUMEN) HIGH TEMPERATURE EXTRACTION PROCESS.

PHYSICAL PROPERTIES (AT 73F/23C)

PROPERTY	UNITS	SPECIFICATION	ASTM TEST METHOD
ULTIMATE TENSILE STRENGTH, MIN.	PSI	2200	D412
ULTIMATE ELONGATION, MIN.	%	350	D412
300% MODULUS	MIN.	N/A	D412
HARDNESS	SHORE A	60 - 75	D2240
TEAR STRENGTH (DIE C), MIN.	PLI	N/A	D624
COMPRESSION SET[1]	%	N/A	D395
IMPACT RESILIENCE	%	N/A	D1054 OR D2632
OZONE RESISTANCE [2]	%	N/A	D1171
AGING RESISTANCE[3]	%	N/A	D573
WATER ABSORPTION, MAX.[4]	%	<5	D471

1 - METHOD B, 22 HR. @ 158F (70C)
2 - METHOD A, 72 HR. @ 104F (40C)
3 - 72 HR. @ 212F (100C)
4 - 70 HR. @ 212F (100C)

GENERAL REQUIREMENTS

1. SPECIFIC GRAVITY:	1.2 - 1.4 G/CC
2. COLOR:	BLACK
3. OPERATING TEMPERATURE (MIN. TO MAX.):	32 - 200F
4. POLYMER CONTENT (%):	CHLOROPRENE POLYMER MODIFIED FOR HIGH TEMP. BITUMEN EXTRACTION PROCESS.

NOTES

1. MATERIAL SUPPLIER TO FURNISH BAKER PROCESS WITH WRITTEN CERTIFICATION OF COMPLIANCE WITH THE ABOVE PHYSICAL PROPERTIES AND REQUIREMENTS, PRIOR TO DELIVERY OF MATERIAL.

BAKER HUGHES
Baker Process

QFORM-0114-05008 Rev C (9/98)

DO NOT SCALE PRINTS	FILE SPEC. 906162	REF. FROM 900419

DATE	5-12-99	NEOPRENE SPECIFICATION SPECIAL - TAR SANDS WEMCO FLOTATION	A.D.N.	
DRAWN	JVA			
CHECK'D	JWH		DWG. No. 906162	REV A
APPR.	JWH			