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<h2 style="margin: 0;">SPECIFICATION - NEOPRENE, SPECIAL</h2> <p style="margin: 10px 0;">MATERIAL: NEOPRENE COMPOUND MODIFIED FOR BITUMEN EXTRACTION APPLICATIONS</p> <p style="margin: 10px 0;">APPLICATION: FLOTATION MOLDED & HAND BUILT PARTS TO BE USED IN TAR SANDS (BITUMEN) HIGH TEMPERATURE EXTRACTION PROCESS.</p> <p style="text-align: center; margin: 10px 0;">PHYSICAL PROPERTIES (AT 73F/23C)</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th style="width: 35%;">PROPERTY</th> <th style="width: 10%;">UNITS</th> <th style="width: 25%;">SPECIFICATION</th> <th style="width: 30%;">ASTM TEST METHOD</th> </tr> </thead> <tbody> <tr> <td>ULTIMATE TENSILE STRENGTH, MIN.</td> <td>PSI</td> <td>2200</td> <td>D412</td> </tr> <tr> <td>ULTIMATE ELONGATION, MIN.</td> <td>%</td> <td>350</td> <td>D412</td> </tr> <tr> <td>300% MODULUS</td> <td>MIN.</td> <td>N/A</td> <td>D412</td> </tr> <tr> <td>HARDNESS</td> <td>SHORE A</td> <td>60 - 75</td> <td>D2240</td> </tr> <tr> <td>TEAR STRENGTH (DIE C), MIN.</td> <td>PLI</td> <td>N/A</td> <td>D624</td> </tr> <tr> <td>COMPRESSION SET¹</td> <td>%</td> <td>N/A</td> <td>D395</td> </tr> <tr> <td>IMPACT RESILIENCE</td> <td>%</td> <td>N/A</td> <td>D1054 OR D2632</td> </tr> <tr> <td>OZONE RESISTANCE²</td> <td>%</td> <td>N/A</td> <td>D1171</td> </tr> <tr> <td>AGING RESISTANCE³</td> <td>%</td> <td>N/A</td> <td>D573</td> </tr> <tr> <td>WATER ABSORPTION, MAX.⁴</td> <td>%</td> <td><5</td> <td>D471</td> </tr> </tbody> </table> <div style="display: flex; justify-content: space-between; font-size: small; margin-top: 10px;"> <div> <p>1 - METHOD B, 22 HR. @ 158F (70C)</p> <p>2 - METHOD A, 72 HR. @ 104F (40C)</p> </div> <div> <p>3 - 72 HR. @ 212F (100C)</p> <p>4 - 70 HR. @ 212F (100C)</p> </div> </div>						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
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<h3 style="margin: 0;">GENERAL REQUIREMENTS</h3> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1. SPECIFIC GRAVITY:</p> <p>2. COLOR:</p> <p>3. OPERATING TEMPERATURE (MIN. TO MAX.):</p> <p>4. POLYMER CONTENT (%):</p> </div> <div style="width: 50%;"> <p>1.2 - 1.4 G/CC</p> <p>BLACK</p> <p>32 - 200F</p> <p>CHLOROPRENE POLYMER MODIFIED FOR HIGH TEMP. BITUMEN EXTRACTION PROCESS.</p> </div> </div>																																																	
<h3 style="margin: 0;">NOTES</h3> <p>1. MATERIAL SUPPLIER TO FURNISH BAKER PROCESS WITH WRITTEN CERTIFICATION OF COMPLIANCE WITH THE ABOVE PHYSICAL PROPERTIES AND REQUIREMENTS, PRIOR TO DELIVERY OF MATERIAL.</p>																																																	
<p style="margin: 5px 0;">Baker Process</p>		<p>This drawing and all information thereon is the property of Baker Process and is confidential and must not be made public or copied. This drawing is loaned subject to return upon demand and is not to be used directly or indirectly in any way detrimental to our interests.</p>		<p>© COPYRIGHT BY BAKER HUGHES, INCORPORATED ALL RIGHTS RESERVED</p> <p>QFORM-0114-05008 Rev C (9/98)</p>																																													
DO NOT SCALE PRINTS	FILE SPEC.	906162	REF. FROM	900419																																													
DATE	5-12-99	<h2 style="margin: 0;">NEOPRENE SPECIFICATION</h2> <p style="margin: 5px 0;">SPECIAL - TAR SANDS</p> <p style="margin: 5px 0;">WEMCO FLOTATION</p>		A.D.N.																																													
DRAWN	JVA																																																
CHECK'D	JWH																																																
APPR.	JWH																																																
		<div style="display: flex; justify-content: space-between;"> <div style="width: 15%;">DWG. No.</div> <div style="width: 45%; font-size: 2em; font-weight: bold;">906162</div> <div style="width: 15%; text-align: right;">REV</div> </div> <div style="width: 15%; text-align: right; font-size: 2em; font-weight: bold;">A</div>																																															