



SERIE : #675-XXX

PRODUCT DATA SHEET

Typical Physical Properties

TYPICAL PROPERTIES

COLOR	BLACK
DENSITY (PCF APPROX.)	5
POLYMER	NEOPRENE / EPDM BLEND
ASTM-D1056-67 & 68, GRADE #	SCE 41
ASTM-D1056-91 & 00 SAE J18-R7/92	2C1
COMPRESSION DEFLECT. 25% DEFLECTION	2 – 5 PSI
WATER ABSORPTION BY WEIGHT (MAX.), ASTM MTHD	5% (10% ALLOWED)
TEMPERATURE RESISTANCE (Low °F/High °F)	-40 / +250
ELONGATION % Min.	150
HEAT AGING, 7 days @ 158 °F CD%Max change	30
TENSILE STRENGTH Min.	90
OZONE 20% STRESS 72 HRE. @ 50 PPHM ASTM-D-1171	PASS
FLAME RESISTANCE TO UL 94HBF*-HF-1	PASS
FLAME RESISTANCE TO CANADIAN CAN/CSA C22.2	PASS
OIL RESISTANCE FLUID IMMERSION E1, 7 DAYS @ 23 °C OR 74 °F	PASS

Material Advantages

Oxidation Resistance	Excellent	Animal, Vegetable Oils	Excellent
Aliphatic Hydrocarbons	Excellent	Water Swell resistance	Excellent
Aromatic Hydrocarbons	Excellent	Acid, Dilute	Excellent
Petroleum, Crude	Excellent	Sodium Hydroxides	Excellent
Natural Gas	Excellent	Chlorinated Solvents	Excellent
Gasoline, Fuel Oil	Excellent	Oxygenated Solvents	Excellent
Lubricating Oils	Excellent		

TECHNICAL DATA SHEET

Certifies that the following product meets the required specifications: **GM 6086M TYPE IIIA; SAE J18 JUL92 2A1; ASTM D 1056-98 2A1, MSZ-75 2A1; WSK-M2D-419-A TYPE 2**

Property	Specification	Test Method
Composition	Neoprene / EPDM / SBR	
Density (pcf)	6 ± 2	ASTM D 1056
Hardness Durometer Shore 00	45 ± 5	ASTM D 2240
Compression Deflection (25%) (psi)	2 - 5	ASTM D 1056
Compression Set (%)	≤ 40	ASTM D 1056
Oven Aged 7 days @ 158 °F Change in CD (%)	± 30	ASTM D 1056
Tensile Strength (psi)	75	ASTM D 412 (Die A)
Elongation (%)	125	ASTM D 412 (Die A)
Tear Strength (ppi)	9.6	ASTM D 624 (Die C)
Water Absorption (wt. %)	< 5	ASTM D 1056
Ozone Resistance	Rating "O"	ASTM D 1171
Thermal Conductivity (K Factor)	0.30	ASTM C 177
Service Temperature (°F)		
-Low	-40	
-High Continuous	200	
-High Intermittent	250	
Combustion Characteristics	Pass Pass	FMVSS-302 UL 94HF-1

REV. 002

REV. DATE: 03/28/05

This material have received UL approval and will carry the UL designation for : JMLU2, tested in accordance with the latest edition of Standard UL 157, UL 50, and UL 508.

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