



**EPDM-41
TECHNICAL DATA SHEET**

<u>PHYSICAL PROPERTIES</u>	<u>TEST METHOD</u>	<u>TYPICAL RESULTS</u>
DENSITY lb/ft ³	ASTM D 3574	5 +/- 1
HARDNESS DURO SHORE 00	ASTM D 2240	35 +/-5
COMPRESSION DEFLECTION (25%) psi	ASTM D 1056	3.5 +/- 1.5
COMPRESSION SET (%)	ASTM D 1056	≤ 40 %
TENSILE STRENGTH psi	ASTM D 412 (DIE A)	40
TEAR STRENGTH lb/in	ASTM D 624 (DIE C)	6.8
ELONGATION (%)	ASTM D 412 (DIE A)	200%
RESILIENCE (%)	ASTM D 2632	45 %
SERVICE TEMP. (°F) Low High	ASTM D 746	- 70 220
WATER ABSORPTION Max. Weight change (%)	ASTM D 1056	< 5 %
ACCELERATED AGING [7 Days at 70°C (73.4°F)] Flexibility (180° bend no cracking) Appearance change Change in Compression Deflection (%)	ASTM D 1056	PASS NONE +/- 30%
COMBUSTION CHARACTERISTICS	FMVSS-302	PASS Thickness greater than 3/16" only

RESISTANCE TO :

EPDM-41 IS A CLOSED CELL SPONGE PRODUCT

Acid	Excellent
Alkali	Excellent
Gasoline & Oil	Poor
Aromatic Hydrocarbons	Fair
Keytones	Good
Chlorinated Solvents	Poor
Oxidation	Excellent
Ozone	Excellent

GRADE	: RE41
ASTM D 1056	designation : 2A1
SAE J 18 JUL92	designation : 2A1
MIL R 6130	designation : II-B/C Soft

The above data represents typical values encountered during normal production runs. This data is not offered as an exact or guaranteed product specification – the user must determine the suitability of the product for his own needs. A.J. Rubber & Sponge Ltd. cannot be held responsible for the inappropriate use or misuse of its products.