

BUILT TO LAST

Monarch[®] 2062

Closed cell Neoprene based foam in bun form

// ASTM D 1056 2A2/2C2

// Manufactured in buns (blocks)

// Listed as an approved source on Penn DOT Bulletin 15 Section 1085.2(m)1
and Section 1107.02(p)

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ArmaComp[™]

MONARCH 2062 | Closed cell Neoprene based foam in bun form

Monarch 2062: Armacell (Spencer, WV Plant) manufactures a black, closed cell, 6 - 10 lb/ft³ (96 - 150 kg/m³) density, Neoprene based rubber product 2062, that meets the physical property requirements of ASTM D 1056 2A2 / 2C2. 2062 meets the horizontal burn / flame requirements of FMVSS 302 at 3/16" (0.188") (4.76 mm) and higher. **2062 is listed as an approved source on Penn DOT Bulletin 15 Section 1085.2(m)1 and Section 1107.02(p).**

TECHNICAL DATA SHEET | BUNS (effective 1/16/2023)

POLYMER: NEOPRENE BASED

Physical Property	Test Method	Unit	Value
ASTM D 1056 Designation	-	-	2A2/2C2
Cell Structure	-	-	Closed
Color	-	-	Black
Compression Deflection 25%	ASTM D 1056	psi kPa	5 - 9 34.5 - 62
Compression Deflection 25%, after Heat Aging	ASTM D 1056	%	± 30
Compression Set (Room temp)	ASTM D 1056	%	25 max
Density	ASTM D 1056	lb/ft ³ kg/m ³	6 - 10 96 - 150
Elongation	ASTM D 412 (Die A)	%	120 min
Flammability	FMVSS 302	in mm	0.188 and higher 4.76 and higher
Fluid Immersion	ASTM D 1056	%	250 max
Hardness, Durometer Shore 00	ASTM D 2240	-	50 - 70
Resilience	ASTM D 2632	%	7 - 17
Service Temperature	Low	ASTM D 1056	°F °C
	High Continuous	-	°F °C
	High Intermittent	-	°F °C
Tear Strength	ASTM D 624 (Die C)	lb/in kN/m	15 min 2.6 min
Tensile Strength	ASTM D 412 (Die A)	psi kPa	80 min 550 min
Water Absorption	ASTM D 1056	%	5 max

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ABOUT ARMACELL

As the inventors of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal, acoustic and mechanical solutions that create sustainable value for its customers. Armacell's products significantly contribute to global energy efficiency making a difference around the world every day. With 3,200 employees and 27 production plants in 16 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for high-tech and lightweight applications and next generation aerogel blanket technology.

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