



HANNA RUBBER COMPANY

# Specification Sheet



## Sponge Rubber Closed Cell 2003

### Closed Cell Neoprene Based Foam in Bun Form

Black, closed cell, 12 - 20 lb/ft<sup>3</sup> [192 - 320 kg/m<sup>3</sup>] density neoprene based rubber product 2003; meets all the requirements of ASTM 01056 2A3 / 2C3; meets the horizontal burn / flame requirements of FMVSS 302 at 0.250" [1/4"] [6.35 mm) & higher

- ASTM D 1056 2A3 /2C3
- Manufactured in buns (blocks)
- Higher density closed cell expanded rubber

## Technical Data Sheet | Buns (effective 12/7/2022)

### POLYMER: NEOPRENE BASED

Physical Property	Test Method	Unit	Value	
ASTM D 1056 Designation	-	-	2A3 2C3	
Cell Structure	-	-	Closed	
Color	-	-	Black	
Compression Deflection 25%	ASTM D 1056	psi kPa	9 - 13 62 - 89.6	
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 <sup>3</sup> kg/m <sup>3</sup>	12 - 20 192 - 320	
Elongation	ASTM D 412 (Die A)	%	100 min	
Flammability	FMVSS 302	in mm	0.25 and higher 6.35 and higher	
Fluid Immersion	ASTM D 1056	%	150 max	
Hardness, Durometer Shore 00	ASTM D 2240	-	65 -85	
Resilience	ASTM D 2632	%	5 - 15	
Service Temperature	Low	ASTM D 1056	°F °C	-40 -40
	High Continuous	-	°F °C	150 65.5
	High Intermittent	-	°F °C	200 93.3
Tear Strength	ASTM D 624 (Die C)	lb/in kN/m	16 min 2.8 min	
Tensile Strength	ASTM D 412 (Die A)	psi kPa	120 min 827 min	
Water Absorption	ASTM D 1056	%	5 max	

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