

## 5021 | Closed cell EPDM/CR/SBR blend foam in bun form

**5021:** a black, closed cell, 4 - 8 lb/ft<sup>3</sup> (64 - 128 kg/m<sup>3</sup>) density, general purpose, EPDM / Neoprene / SBR blended rubber product 5021, that meets the physical property requirements of ASTM D 1056 2A1. 5021 does not incorporate a flame retardant but meets the horizontal burn / flame requirements of FMVSS 302 at thicknesses of 3/16" (4.76 mm) (0.187") and higher. 5021 is also available in gray (5921). **5021 is listed as an approved source for MAHLE GN AR 06220 Par 6.1 [MAHLE GN AR 06346].**

### TECHNICAL DATA SHEET | BUNS (effective 26FEB21)

**POLYMER: EPDM/CR/SBR**

Physical Property	Test Method	Unit	Value	
ASTM D 1056 Designation	-	-	2A1	
Cell Structure	-	-	Closed	
Color	-	-	Black (also available in Gray [5921])	
Compression Deflection 25%	ASTM D 1056	psi kPa	2 - 5 13.8 - 34.5	
Compression Deflection 25%, after Heat Aging	ASTM D 1056	%	± 30	
Compression Set (Room temp)	ASTM D 1056	%	45 max	
Density	ASTM D 1056	lb/ft <sup>3</sup> kg/m <sup>3</sup>	4 - 8 64 - 128	
Elongation	ASTM D 412 (Die A)	%	100 min	
Flammability	FMVSS 302	in mm	0.188 and higher 4.76 and higher	
Hardness, Durometer Shore 00	ASTM D 2240	-	40 - 60	
Resilience	ASTM D 2632	%	30 - 45	
Service Temperature	Low	ASTM D 1056	°F °C	-40 -40
	High Continuous	-	°F °C	200 93.3
	High Intermittent	-	°F °C	250 212
Tear Strength	ASTM D 624 (Die C)	lb/in kN/m	7 min 1.2 min	
Tensile Strength	ASTM D 412 (Die A)	psi kPa	45 min 310 min	
Water Absorption	ASTM D 1056	%	10 max	