

## 5013 | Closed cell EPDM/CR/SBR blend foam in bun form

**5013:** a black, closed cell, 7 - 11 lb/ft<sup>3</sup> (112 - 176 kg/m<sup>3</sup>) density, EPDM / Neoprene / SBR blended rubber product 5013, that meets the requirements of ASTM D 1056 2A3. 5013 meets the horizontal burn / flame requirements of FMVSS 302 at 2.5 mm (0.098") and higher. 5013 is listed with UL to UL94 HBF and HF-1(UL94 HF-1 for thicknesses between 1.4 - 1.8mm and UL94 HBF for thicknesses above 1.80 mm) (UL File #: QMFZ2.E55798). 5013 is also listed with UL to UL50E [periodic & continuous compression], UL48 & UL508 (UL File#: JMLU2.MH25062). This product is also available in gray [5913 [UL50E / UL48 / UL508 listed but not UL94 listed]]. **5013 is listed as an approved source for GMW 17408 Class I Type V.**

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

**POLYMER: EPDM/CR/SBR**

Physical Property	Test Method	Unit	Value	
ASTM D 1056 Designation	-	-	2A3	
Cell Structure	-	-	Closed	
Color	-	-	Black [also available in Gray [5913]]*	
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	%	35 max	
Density	ASTM D 1056	lb/ft <sup>3</sup> kg/m <sup>3</sup>	7 - 11 112 - 176	
Elongation	ASTM D 412 (Die A)	%	125 min	
Flammability	FMVSS 302	in mm	0.098 and higher 2.5 and higher	
Hardness, Durometer Shore 00	ASTM D 2240	-	50 - 70	
Resilience	ASTM D 2632	%	15 - 25	
	Low	ASTM D 1056	°F °C	-40 -40
Service Temperature	High Continuous	-	°F °C	200 93.3
	High Intermittent	-	°F °C	250 121
	Tear Strength	ASTM D 624 (Die C)	lb/in kN/m	9 min 1.6 min
Tensile Strength	ASTM D 412 (Die A)	psi kPa	55 min 379 min	
Water Absorption	ASTM D 1056	%	5 max	

UL Listed to: UL94 (Flame) HBF [UL file# QMFZ2.E55798] at 1.8 mm minimum thickness

UL Listed to: UL94 (Flame) HF1 [UL file# QMFZ2.E55798] at 1.4 - 1.8 mm only

\* Gray [5913 [UL50E / UL48 / UL508 listed but not UL94 listed]]