

3091 | Closed cell 100% EPDM foam in bun form

3091: a black, closed cell, 3 - 5 lb/ft³ (48 - 80 kg/m³) density, 100% EPDM rubber product 3091, that meets all the requirements of ASTM D 1056 2A1. 3091 does not incorporate a flame retardant but meets the horizontal burn / flame requirements of FMVSS 302 at thicknesses of 3/16" (0.1875") (4.76 mm) and higher. 3091 has excellent resistance to ozone and elevated temperatures. 3091 is also available in gray (3991). **3091 is listed as an approved source for GMW 17408 Class I Type IV, FCA (Chrysler) MSAY 430 Type 2 and MAHLE GN AR 06220 Par 6.10 previously Delphi SD2-207 Par 6.10.**

TECHNICAL DATA SHEET | BUNS (effective 26FEB21)

POLYMER: 100% EPDM

Physical Property	Test Method	Unit	Value	
ASTM D 1056 Designation	-	-	2A1	
Cell Structure	-	-	Closed	
Color	-	-	Black (also available in gray (3991))	
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 ³ kg/m ³	3 - 5 48 - 80	
Elongation	ASTM D 412 (Die A)	%	150 min	
Flammability	FMVSS 302	in mm	0.188 and higher 4.76 and higher	
Hardness, Durometer Shore 00	ASTM D 2240	-	30 - 50	
Resilience	ASTM D 2632	%	50 - 70	
	Low	ASTM D 1056	°F °C	-70 -56.6
Service Temperature	High Continuous	-	°F °C	220 104.4
	High Intermittent	-	°F °C	250 121
Tear Strength	ASTM D 624 (Die C)	lb/in	6 min	
		kN/m	1.05 min	
Tensile Strength	ASTM D 412 (Die A)	psi	40 min	
		kPa	276 min	
Water Absorption	ASTM D 1056	%	10 max	