

2003 | Closed cell Neoprene based foam in bun form

2003: a black, closed cell, 12 - 20 lb/ft³ (192 - 320 kg/m³) density Neoprene based rubber product 2003, that meets all the physical property requirements of ASTM D1056 2A3 / 2C3. 2003 meets the horizontal burn / flame requirements of FMVSS 302 at FMVSS 302 at 0.250" (1/4") (6.35 mm) & higher.

TECHNICAL DATA SHEET | BUNS (effective 26FEB21)

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 ³ kg/m ³	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	