



HANNA RUBBER COMPANY

Specification Sheet



Sponge Rubber Closed Cell 6032

Closed cell NBR / PVC foam in bun form

Black, 5 - 9 lb/ft3 (80 - 144 kg/m3) density, closed cell Vinyl Nitrile (NBR/ PVC) blended rubber product 6032, that meets the physical property requirements of ASTM D 1056 2A2 / 2C2 / 2B2. 6032 meets the horizontal burn / flame requirements of FMVSS 302 at 2.5 mm (0.098") and higher. This product is also available in natural / beige (6232).

- ASTM D 1056 2A2 / 2C2 / 2B2
- Manufactured in buns (blocks)
- Color black, also available in natural / beige (6232)

Technical Data Sheet I Buns (effective 2/13/2023)

POLYMER: NBR / PVC

Physical Property	Test Method	Unit	Value	
ASTM D 1056 Designation	-	-	2A2 2C2 2B2	
Cell Structure	-	-	Closed	
Color	-	-	Black (also available in Natural / Beige [6232])	
Compression Deflection 25%	ASTM D 1056	psi kPa	5 - 9 34.5 - 62	
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	5 - 9 80 - 144	
Elongation	ASTM D 412 (Die A)	%	65 min	
Flammability	FMVSS 302	in mm	0.098 and higher 2.5 and higher	
Fluid Immersion	ASTM D 1056	%	100 max	
Hardness, Durometer Shore 00	ASTM D 2240	-	55 - 75	
Resilience	ASTM D 2632	%	5 - 15	
Service Temperature	Low	ASTM D 1056	°F °C	-40 -40
	High Continuous	-	°F °C	200 93.3
	High Intermittent	-	°F °C	250 121
Tear Strength	ASTM D 624 (Die C)	lb/in kN/m	10 min 1.7 min	
Tensile Strength	ASTM D 412 (Die A)	psi kPa	70 min 483 min	
Water Absorption	ASTM D 1056	%	5 max	

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