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CLOSED CELL NITRILE SPONGE

MATERIAL:	BUNA		
POLYMER BASE:	BUNA-N		
ASTM D-1056-68:	SBE-41		
ASTM D-1056-73:	RE-41		
MIL-STD 670 B; MIL-C-3133C:	SBE3F2		
25% COMPRESSION DEFLECTION:	2-5 LBS/SI		
DUROMETER (SHORE 00):	30-45		
DENSITY:	9-11 LBS/CF		
SPECIFIC GRAVITY:	0.09-0.13 G/CC		
ULTIMATE TENSILE STRENGTH (TYPICAL):	120 LBS/SI		
ELONGATION (TYPICAL):	200%		
ACCELERATED AGING (7 DAYS @ 158°F):			
FLEXIBILITY 180° BEND W/O CRACKING:	PASS		
APPEARANCE CHANGE:	NONE		
CHANGE IN COMPRESSION DEFLECTION:	+/-30%		
WATER ABSORPTION:	5%		
FLAME RESISTANCE:			
ASTM D-1692:	SELF-EXTINGUISHING		
U.S. FED SPEC CCC-T-191-B METHOD 5003:	SELF-EXTINGUISHING		
SERVICE TEMPERATURE:			
LOW (ASTM D-746):	-20°F		
HIGH CONTINUOUS:	200°F		
HIGH INTERMITTENT:	220°F		
RESISTANCE:			
ACID:	GOOD	KETONES:	FAIR
ALKALI:	FAIR	CHLORINATED SOLVENTS:	POOR
GASOLINE AND OIL:	EXCELLENT	OXIDATION:	FAIR
AROMATIC HYDROCARBONS:	GOOD	OZONE:	POOR

This information is furnished as a guide for selecting materials. NRC disclaims liability for results or use of this information. It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.