



2931 Exon Ave. ■ Cincinnati, Ohio 45241
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CLOSED CELL EPDM SPONGE

MATERIAL:	EPDM		
POLYMER BASE:	EPDM		
ASTM D-1056-68:	RE-42		
ASTM D-1056-73:	RE-42		
MIL-STD 670 B: MIL-C-3133C:	RE-7F2		
25% COMPRESSION DEFLECTION:	5-9 LBS/SF		
DUROMETER (SHORE 00):	40-60		
DENSITY:	9-14 LBS/CF		
ULTIMATE TENSILE STRENGTH (TYPICAL):	65 LBS/		
ELONGATION (TYPICAL):	180%		
ACCELERATED AGING (7 DAYS @ 158°F):			
FLEXIBILITY 180° BEND W/O CRACKING:	PASS		
APPEARANCE CHANGE:	NONE		
CHANGE IN COMPRESSION DEFLECTION:	+/-30%		
UL LISTED:	UL48, UL50		
WATER ABSORPTION:	5% MAX		
SERVICE TEMPERATURE:			
LOW (ASTM D-746):	-90°F		
HIGH CONTINUOUS:	257°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.