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## NRC-CH2PE SPONGE

PROPERTY	TESTING PROCEDURE	TEST RESULTS
DENSITY (PCF):	ASTM D3575	1.5-2.5
COMPRESSION STRENGTH (PSI):	ASTM D3575	
@ 25%:		7-11
@ 50%:		15-20
HARDNESS (00):	ASTM D2240	54
COMPRESSION SET (MAX):	ASTM D3575	20
TENSILE STRENGTH (PSI):	ASTM D3575	63
ELONGATION (%):	ASTM D3575	200
TEAR RESISTANCE (LBS./IN.):	ASTM D3575	12
WATER ABSORPTION (LB/SF):	ASTM D1667	.05
TEMPERATURE RANGE:	N/A	-100°F TO +220°F
FLAMMABILITY:	FMVSS-302	PASS
K FACTOR:	ASTM C518	.25
CHEMICAL RESISTANCE:		
ACID:		FAIR
ALKALI:		GOOD
GASOLINE AND OIL:		GOOD
AROMATIC HYDROCARBONS:		FAIR
KETONES:		FAIR
CHLORINATED SOLVENTS:		FAIR
OXIDATION:		FAIR
OZONE:		FAIR
BACTERIA:		FAIR
FUNGUS:		FAIR

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.