


EPDM/401				
Material Data Sheet	Compound	EPDM/401		Rev.1
	Designation	EPDM		Okt. 2009

Material type: Peroxide cured, Ethylene Propylene Terpolymer, 70-75 °IRHD.
 Terpolymer of ethylene, propylene and diene monomers. Formulated using only those ingredients determined by the United States Federal Food and Drug Administration to be non-toxic and non-carcinogenic in accordance with Code of Federal Regulations Title 21, Section 177.2600. Water and n-Hexane extraction tested. Also complies to the requirements of USP 25, NF20, 2007, Class VI.

Tested and approved to 3-A Sanitary Standards Class 2.



Color: Black
Temperature Range: Min. -40°C Max. +125°C
Storage recommendation: According to ISO 2230

Physical Properties	Unit	Test method	Value
Hardness	°IRHD	ASTM D1415	70-75
Tensile strength	MPa	ASTM D412	11,5
Ultimate Elongation	%	ASTM D412	395
Compression set, Method B			
22h at 125°C	%	ASTM D395	16,5
120h at 130°C	%	ASTMD395	22,0
Low Temperature Resistance			
3min. at -40°C			Non Brittle
Extraction test results			
FDA Regulation.	Extraction test.	Authorized limits / Mg/sq.inch	Material extracted
Boiling Water	7 hours	20	3,0
	2 succeeding hours	1	0,18
n-Hexane	7 hours	175	48,2
	2 succeeding hours	4	0,11

The results given in this datasheet are obtained on standard specimen following standard test procedures and are not comparable to finished products due to differences in the products profile. It is the customer's responsibility to evaluate parts prior to use in order to assure that parts will perform satisfactorily in their application.