

EPDM/300

Material Data Sheet	Compound	EPDM	Rev 0
	Designation	EPDM/300	Okt.2009



Material type: Peroxide cured Ethylene Propylene 70 Shore A.

Extraction tested by independent laboratory in accordance with FDA CFR21:177.2600 e+f,

Also complies to the requirements of:

NSF61N

W270

BGA-KTWD2 07.01.1977 + EN681.1 + DVGW W534-10.3 (DVGW cert. DW-5253BQ4480)

WRC (hot and cold water)

ACS No.06CLP

Color: Black

Temperature Range: Min. -40°C Max. +125°C

Storage recommendation: According to ISO 2230

Physical Properties	Unit	Test method	Value
Hardness, Shore A	pts	D2240	70.00
Tensile strength	MPa	D412	16.00
Ultimate Elongation	%	D412	190.00
Specific gravity		D297	1.15
Aging in 70h in air at 125°C			
Change in Hardness	pts	D573	2.00
Change in Tensile strength	%	D573	-15.00
Change in Ultimate Elongation	%	D865	-15.00
Compression set, Method B			
22h at 150°C	%	D395	9.00
Ozone Resistance, 200pphm, 70h at 40°C			
Ozone Exposure			No Cracks
Water Resistance, 70h at 100°C			
Change in Volume	%	D471	2.00
Low Temperature Resistance			
Brittleness	°C	D2137	-70

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.