

DMH EPDM peroxyd Ethylene propylene diene rubber

Mechanical, Physical and Thermal Properties

properties	condition	standard	unit	unit	unit
colour				black	black
hardness	23°C	ISO 868	Shore A	85 ± 5	85 ± 5
modulus 100%	23°C	DIN 53 504	MPa		psi
tensile strength	23°C	DIN 53 504	MPa	≥ 12	psi
elongation at break	23°C	DIN 53 504	%	≥ 80	%
tear strength	23°C	DIN ISO 34-1	kN/m	≥ 10	lbf/inch
spec. gravity	23°C	ISO 1183	kg/m ³	1220	g/cm ³
rebound elasticity	23°C	DIN 53 512	%	37	%
abrasion	23°C	DIN 53 516	mm ³	140	mm ³
compression set	*	ISO 815	%	≤ 7	%
compression set	**	ISO 815	%	≤ 7	%
compression set	***	ISO 815	%		%
minimum service temperature			°C	-45	°F
maximum service temperature			°C	130	°F
temp. max water/steam			°C	130	°F
temp. max hot air, short			°C	180	°F

* 24h 70°C 25% def.

** 24h 100°C 25% def.

*** 24h 150°C 25% def.

Chemical Properties

Copolymer, based on ethylene, propylene and diene

Resistant to: (hot) water, acids, bases, ketones, brake fluids based on polyglycols and lyes

Not resistant to: aliphatic, aromatic and chlorinated hydrocarbons, greases and fuels

Detailed information concerning chemical resistance see DMH Chemical Resistance Guide

DMH GmbH

revision: 03-2014

DMH Dichtungs- und Maschinenhandel GmbH

A-8772 Traboch  Industriepark West 11

T: +43 (0)3833/200 60-0  F: +43 (0)3833/200 60-500

E: office@dmh.at  www.dmh.at

