DMH 332 EPDM WHITE FDA

Ethylene propylene diene rubber

Mechanical, Physical and Thermal Properties

properties	condition	standard	unit		unit	
colour				**white**		**white**
hardness	**23°C**	ISO 868	Shore A	**82 ± 5**	Shore A	**82 ± 5**
modulus 100%	**23°C**	DIN 53 504	MPa	**≥ 4**	psi	**≥ 580**
tensile strength	**23°C**	DIN 53 504	MPa	**≥ 7**	psi	**≥ 1015**
elongation at break	**23°C**	DIN 53 504	%	**≥ 160**	%	**≥ 160**
tear strength	**23°C**	DIN ISO 34-1	kN/m	**≥**	lbf/inch	**≥**
spec. gravity	**23°C**	ISO 1183	kg/m³	**1220**	g/cm³	**1,22**
rebound elasticity	**23°C**	DIN 53 512	%	**50**	%	**50**
abrasion	**23°C**	DIN 53 516	mm³	**291**	mm³	**291**
compression set	*	ISO 815	%	**≤ 25**	%	**≤ 25**
compression set	**	ISO 815	%	**≤ 30**	%	**≤ 30**
compression set	***	ISO 815	%		%	
minimum service temperature			°C	**-45**	°F	**-49**
maximum service temperature			°C	**130**	°F	**266**
temp. max water/steam			°C	**130**	°F	**266**
temp. max hot air			°C	**150**	°F	**302**

*** 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, HFC- and HFD-fluids, lyes

Not resistant to: aliphatic, aromatic and chlorinated hydrocarbons, greases, fuels, brake fluids based on polyglycols

Foodstuff approval: *FDA compliant*

Maximum recommended service temperature (FDA applications): 90°C

Detailed information concerning chemical resistance see DMH Chemical Resistance Guide

DMH GmbH **revision: 05-2016**