

DMH 354 FPM GLT

Fluoro Rubber

Mechanical, Physical and Thermal Properties

properties	condition	standard	unit	black	unit	black
colour				black		black
hardness	23°C/3 sec.	ISO 868	Shore A	85 ± 5	Shore A	85 ± 5
hardness	23°C/15 sec.	ISO 868	Shore A	83 ± 5	Shore A	83 ± 5
modulus 100%	23°C	DIN 53 504	MPa	≥ 4,5	psi	≥ 650
tensile strength	23°C	DIN 53 504	MPa	≥ 6	psi	≥ 870
elongation at break	23°C	DIN 53 504	%	≥ 190	%	≥ 190
tear strength	23°C	DIN ISO 34-1	kN/m	≥ 5	lbf/inch	≥ 28,5
spec. gravity	23°C	ISO 1183	kg/m ³	1810	g/cm ³	1,81
rebound elasticity	23°C	DIN 53 512	%	16	%	16
abrasion	23°C	DIN 53 516	mm ³		mm ³	
compression set	*	ISO 815	%	≤ 16	%	≤ 16
compression set	**	ISO 815	%	≤ 17	%	≤ 17
compression set	***	ISO 815	%		%	
minimum service temperature			°C	-40	°F	-40
maximum service temperature			°C	200	°F	390
temp. max water/steam			°C		°F	
temp. max hot air			°C	300 short	°F	572 short

* 24h 70°C 25% def.

** 24h 100°C 25% def.

*** 24h 175°C 25% def.

Chemical Properties

Copolymer, based on fluorine

Resistant to: fats, crude oil, mineral oil, gasoline, aliphatic and aromatic hydrocarbons

Not resistant to: glycols, ketones, most fluids containing amines, water/steam

Detailed information concerning chemical resistance see DMH Chemical Resistance Guide

DMH GmbH

revision: 04-2020

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

