

TECHNICAL DATA SHEET

MOVET EPDM blue FDA

SEALING MATERIAL MADE OF ETHYLENE-PROPYLENE-DIENE RUBBER

Mechanical, physical and thermal properties:

PROPERTIES	CONDITION	NORM	UNIT		UNIT	
Colour				blue		blue
Hardness	23°C	ISO 868	Shore A	81 ± 5	Shore A	81 ± 5
Modulus 100 %	23°C	DIN 53 504	MPa	≥ 5	psi	≥ 725
Tear resistance	23°C	DIN 53 504	MPa	≥ 9	psi	≥ 1305
Elongation at break	23°C	DIN 53 504	%	≥ 140	%	≥ 140
Tear propagation resistance	23°C	DINISO 34-1	kN/m		lbf/inch	
Specific gravit	23°C	ISO 1183	kg/m ³	1120	g/cm ³	1,12
Rebound resilience	23°C	DIN 53 512	%	46	%	46
Abrasion	23°C	DIN 53 528	mm ³	177	mm ³	177
Compression set	*	ISO 815	%	≤ 14	%	≤ 14
Compression set	**	ISO 815	%	≤ 15	%	≤ 15
Compression set	***	ISO 815	%		%	
Lower application temperature			°C	-30	°F	-22
Upper application temperature			°C	130	°F	266
Upper application temperature with steam			°C	130	°F	266
Upper application temperature with hot air, short term			°C		°F	

* 24h 70°C 25% def. | ** 24h 100°C 25% def. | *** 24h 150°C 25% def.

Chemical properties:

Material: Copolymer based on ethylene, propylene and diene rubber

Resistant to: (Hot) water, acids, bases, alkalis, ketones and HFC fluids, brake fluids based on polyglycol

Not resistant to: Aliphatic, aromatic and chlorinated hydrocarbons, fats, fuels

Food approval: FDA compliant, 1935/2004 EC

HADI GmbH

Revision: 02/2017

References to standards correspond to the version of the data sheet issued by our raw material supplier. All information is based on average values. Our recommendations are made to the best of our knowledge. However, they are non-binding and exclude any liability for damage or disadvantages of any kind, including in relation to the property rights of third parties. They do not exempt the buyer from conducting their own tests and inspections.

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