

Z242

EPDM 70 BLACK

Update 26 March 2019

General Application

Temperature Range

From -40°C
To 110°C

General Environmental Application

Water
Ozone
UV Rays

Compliances

Composition – IMDS Data

CAS n°	Qty %
25038-36-2	35-45
1333-86-4	35-45
64742-65-0	13-18
1314-13-2	0,5-3,5
n.a.	4

Note

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Disclaimer

Temperatures, applications and indications here above are meant as basic suggestions and valid for static applications with no other specific media and or conditions.

PHYSICAL AND MECHANICAL PROPERTIES

Property	Test STD	Unit	Value
Density	ISO 2781A	g/cm ³	1,14 ± 0,03
Hardness	ASTM D2240	ShA	70 ± 5
Tensile Strength	ISO 37	N/mm ²	97
Elongation	ISO 37	%	432
Tear resistance	ISO 34-1C	N/mm	44
TR 10	ASTM D1329	°C	-38
Brittle Point		°C	
C. Set 24h @100°C	ISO 815A	%	17,4
C. Set 70h @100°C		%	

AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @100°C	ISO 188		
	<i>Hardness Change</i>	ShA	+4
	<i>Tensile Strength</i>	%	+14
	<i>Elongation</i>	%	-25
	<i>Volume</i>	%	-2,8
	<i>Weight</i>	%	-2.4

	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weight</i>	%	

	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weight</i>	%	

	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weight</i>	%	

