

Z177

EPDM 60 BLACK FDA

REV. 2

General Application

Temperature Range

From -40°C
To 110°C

General Environmental Application

Water
Ozone
UV Rays
Food

Compliances FDA cfr 21

Note

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Disclaimer

Tests performed on test slabs. Temperatures, applications and indications 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	ASTM D1817	g/cm ³	1,10 ± 0,03
Hardness	ISO 7619	ShA	60 ± 5
Tensile Strength	DIN 53504 S2	N/mm ²	>13
Elongation	DIN 53504 S2	%	>600
Tear resistance	ISO 34-1 B	N/mm	>30
TR 10		°C	<
Brittle Point	ASTM D2137	°C	<-50
C. Set 24h @100°C	DIN 53517	%	<24
C. Set 70h @100°C	DIN 53517	%	<36

AGEING PROPERTIES

Environment	Test STD	Unit	Value
Air 70h @100°C	DIN 53508		
	<i>Hardness Change</i>	ShA	+6
	<i>Tensile Strength</i>	%	+4,3
	<i>Elongation</i>	%	-37
	<i>Volume</i>	%	-2,5
	<i>Weight</i>	%	-2,3

<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>	%	

