

DATA SHEET

April 05, 2018.

Client:**Material:** Polychloroprene (CR).**Standard:** ASTM D 2000 M3BC 603 B14 EO14 EO34 C12 Z1**Compound:** 2265

Main Properties	Specified	Value
Hardness, ASTM D2240, Shore A, \pm 5	60	65
Tensile Strength, ASTM D412, min., MPa	3	5,7
Ultimate Elongation, ASTM D412, min., %	200	634
Compression Set, ASTM D395, method B, 22h at 100°C, max., %	80	50

Fluid Resistance, Teste Method D471, IRM 901 Oil, 70h at 100°C	Specified	Value
Change in Volume, %	-10 to +15	+9

Fluid Resistance, Teste Method D471, IRM 903, Oil, 70h at 100°C	Specified	Value
Change in Volume, %	+120	+78

Resistance to Ozone, ASTM D1171, 72h at 40°C	Specified	Value
Retention Capacity, %	100	100

Fire Resistance Tests	Specified	Value	
SMP 800 C	Approved	Approved	
ASTM E 162	I _s 35	I _s = 30,97	
ASTM E 662	Flaming	D _s @ 90s 100	D _s = 5,3
		D _s @ 240s 200	D _s = 26,6
	Smoldering	D _s @ 90s 100	D _s = 0,6
		D _s @ 240s 200	D _s = 3,6

Z1: Resistance test fire

Main Properties: Excellent physical properties, such as elongation, modulus, tensile strength, tear resistance, abrasion resistance, in addition to good behavior when exposed to certain oils, solvents, temperature, weathering and ozone.

Working temperature: -40 to +120 °C

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