

PIRMACTM

PIRMACTM 32

TM



Misalla Industry & Chemicals

CONTACT

Tel. : (+ 203) 4263588
011 544 52 494

Fax. : (+ 203) 4263589
e-mail : info@misalla.com



PIRMACTM RIGID POLYISOCYANURATE INSULATION

32

POLYISOCYANURATE (PIR) COMPLIES WITH ASTM C591, GRADE 2, TYPE IV

PROPERTIES	TEST METHOD	VALUE
Temperature	Upper	+149°C
	Lower	-183°C
Density	ASTM D1622	32 Kg/m ³
Compressive Strength Parallel	ASTM D1621	170 Kpa
Compressive Strength Perpendicular	ASTM D1621	140 Kpa
Tensile Strength Parallel	ASTM D1623	325 Kpa
Tensile Strength Perpendicular	ASTM D1623	210 Kpa
Closed Cell Content	ASTM D2856	92%
Thermal Conductivity @ 10°C	ASTM C518	0.023 W/m.k
Thermal Conductivity @ 20°C		0.0245 W/m.k
Fire Properties	DIN 4102	B2
Flame Spread	ASTM E84	<25
Water Absorption	ASTM C272	1.5 (Max. Vol%)
Water Vapor Permeability	ASTM E96	5.8 max, (ng/Pa-s-m)
Leachable Chloride Content	ASTM C871	<60 ppm
pH		6-7

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TEL. (+203) 4263588
(+20) 1154452494
FAX. (+203) 4263589

OFFICE ADDRESS St. 20, Smouha Green Towers, Tower no. 4 ,
Smouha, Alexandria - Egypt.

FACTORY ADDRESS Petrochemical Rd. Merghem Amria -
Alexandria - Egypt

MAIL info@misalla.com

WEBSITE www.misalla.com