

Technical Data Sheet

PIRMAC™ 35 Rigid Polyisocyanurate Insulation

PIRMAC™ 35 Polyisocyanurate (PIR) Complies with ASTM C591, Grade 2, Type IV

Properties	Test Method	Value
Temperature	Upper Lower	+149°C -183°C
Density	ASTM D1622	35 Kg/m ³
Compressive Strength Parallel	ASTM D1621	175 Kpa
Compressive Strength Perpendicular	ASTM D1621	140 Kpa
Tensile Strength Parallel	ASTM D1623	340 Kpa
Tensile Strength Parallel Perpendicular	ASTM D1623	230 Kpa
Closed cell content	ASTM D2856	92%
Thermal Conductivity (at -10°C)	ASTM C518	0.022 W/m.k
Thermal Conductivity (at -20°C)		0.023 W/m.k
Fire Properties	DIN 4102	B2
Flame Spread	ASTM E84	<23
Water Absorption	ASTM C272	0.5 (Max. Vol%)
Water Vapor Permeability	ASTM E96	5.8 max, (ng/Pa-s-m)

Egypt:

Misalla Industrial Service.
Address: Smouha Green Towers, Building #4, Alexandria.
Tel.: (203) 5899040
Fax : (203) 5899041
E-Mail: info@misalla.com
Website: www.misalla.com

Kingdom of Saudi Arabia:

Energy Construction.
Address: Sabian Street, Behind Arab National Bank, Jeddah, P.O. Box 50595
Tel.: +966 2 674 3892 Ext. (114)
Fax : +966 2 674 3823
E-Mail: w.fahmy@energygcc.com
Website: www.misalla.co



Our Chemical Systems Provided By:



PIRMAC™ Rigid Polyisocyanurate Insulation