



Technical Data Sheet

Tarecpir® HT 40

CFC/HCFC Free Rigid Polyisocyanurate Insulation

Material Property	Test Method	Unit	Typical Value
Nominal Density	EN ISO 845	kg/m ³	40
Thermal Conductivity	EN 12667 at +10°C	W/m K	0.021
	Initial Aged (25 weeks @ 70°C)	W/m K	0.030
Colour			Grey
Closed Cell Content	EN ISO 4590 Meth. 1	%	≥ 95
Operating Temperature Limits	Upper Limit	°C	+200
	Lower Limit	°C	-180
Compressive Strength	EN 826 at +23°C	kPa	> 230
	Parallel Perpendicular	kPa	> 150
Tensile Strength	ASTM D 1623 – Spec. A at +23°C	kPa	> 490
	Parallel Perpendicular	kPa	> 340
Linear Dimensional Stability	EN 1604		
	+93°C for 24 hours	%	≤ 1
	-30°C for 24 hours	%	≤ 1
	+70°C and 95% RH for 48 hours	%	≤ 3
Friability	ASTM C 421 (10 min.)	%	≤ 40
Linear Expansion Coefficient	ASTM D 696	K ⁻¹	40-70 x 10 ⁻⁶
Water Absorption	ISO 2896	Vol %	≤ 5.0
Water Vapour Permeability	ASTM E 96	ng/Pa s m	≤ 5.5

Fire Properties	Test Method	Typical Result
Temperature Index	EN ISO 4589-3	> 390°C
Vertical Burning	DIN 4102-1	B2

Kingspan Tarec Industrial Insulation NV

Visbeekstraat 24
B - 2300 Turnhout, Belgium
Tel: +32 14 44 25 25
Fax: +32 14 42 72 21
E-mail: info.be@kingspantarec.com
www.kingspantarec.com

Kingspan Tarec Industrial Insulation Ltd

Glossop Brook Road, Glossop, Derbyshire
SK13 8GF, United Kingdom
Tel: +44 870 733 0021
Fax: +44 870 733 0022
E-mail: info.uk@kingspantarec.com
www.kingspantarec.com

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