

Technical Data Sheet

Tarecpur™ 35

CFC/HCFC Free Rigid Polyurethane Insulation

Material Property	Test Method	Unit	Typical Value
Nominal Density	EN ISO 845	kg/m ³	35
Thermal Conductivity	EN 12667 at +10°C		
	Initial	W/m·K	0.020
	Aged (25 weeks @ 70°C)	W/m·K	0.026
Colour			Cream
Closed Cell Content	EN ISO 4590 Meth. 1	%	≥ 95
Operating Temperature Limits	Upper Limit	°C	+100
	Lower Limit	°C	-180
Compressive Strength	EN 826 at +23°C		
	Parallel	kPa	> 190
	Perpendicular	kPa	> 120
Tensile Strength	ASTM D 1623 – Spec. A at +23°C		
	Parallel	kPa	> 430
	Perpendicular	kPa	> 300
Linear Dimensional Stability	EN 1604		
	+93°C for 24 hours	%	≤ 0.5
	-30°C for 24 hours	%	≤ 1
	+70°C and 95% RH for 48 hours	%	≤ 3
Friability	ASTM C 421 (10 min.)	%	≤ 15
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