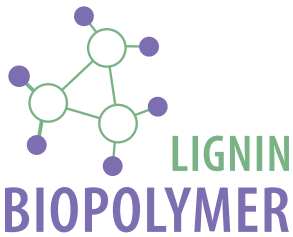


JACKODUR® LIGNIN FT/FTR technical data



Dimensions			Mechanical properties	Tolerances				Thermal conductivity
Thickness	Width	Length	Compressive strength at 10 % deformation	Thickness	Width	Length	Rectangularity	λ
EN 823 [mm]	EN 822 [mm]	EN 822 [mm]	DIN EN 826 [kPa]	[mm]	[mm]	[mm]	[mm/m]	EN 12667 [W/(m·K)]
> 20 – 30	550 - 900	1200 - 3000	> 200	± 0,15	± 2,5	± 10	≤ 5	0,034
> 30 – 50	550 - 900		> 300					
> 50 – 70	550 - 750		> 300					

Values	Property	Standard	Unit	Value
Characteristic values	Application temperature	-	°C	-50 / +75
	Reaction to fire	EN 11925-2	-	E
	Water absorption on long-term immersion	EN 12087	Vol.-%	≤ 5,0
	Vapour diffusion-equivalent air layer thickness	EN 12086	m	3 - 16
	Dimensional stability at 70 °C and 90 % relative humidity	EN 1604	%	≤ 5
	Tensile strength	EN 1607	kPa	≥ 400
	Gross density, typical	EN 1602	kg / m³	≥ 30
	Thermal expansion coefficient	-	mm/(m·K)	0,07
Chemical resistance	Water / seawater / saline solutions / alcohols / liquefied inorganic gases / bases / weak and diluted acids / bitumen / water-based cold bitumen / lime / cement / gypsum / sand			
Properties of Lignin Polymer Foam	closed cell, highly compression proof, flexible, water repellent, rot-proof, resistant to environmental degradation, non-ageing, non-UV resistant			
Bonding technique	e.g. adhesion with solvent-free hot-melt, epoxy and polyurethane adhesives			
Cutting technique	Lignin polymer foam can be worked with milling cutters, saws, hot wires, blades and cutters			



Free of HBCD flame retardants, chloro-fluorocarbons (CFCs) and propellants containing HCFCs and HFCs.



100% recyclable

You can find more information at www.jackon-insulation.com

- Safety data sheet
- EPD

JACKODUR® LIGNIN offers all the tried and tested properties; the material is compression proof, dimensionally stable, and moisture and rot resistant.

Disclaimer
The information in this publication is based on our current knowledge and experience. It does not constitute a warranty in the legal sense. The specific conditions of the application must always be taken into account, particularly with regard to building physics, building technology and building law.