

Material data sheet

ITEX REF- ISO 750

E-Glass fibre shell until 750°C

Application

Fibre insulating material conceptualized for thermal insulation and acoustic absorption with heat-reflecting properties. System for areas of application in the automotive as well as for the turbo machinery industry.

Technical Properties

Raw material	ECR-Glass fibre
Application temperature	750 °C
Filament diameter	11 to 19 µm
Linear shrinkage (750°C, 1h)	≤ 1 %
Loss on ignition (750°C, 1h)	≤ 2 %
Fire behaviour	non-flammable
TSR-Value (Total-Solar-Reflection)	75 %
pigment fraction	≤ 2,5 %

Chemical Composition

SiO ₂	CaO	MgO	Al ₂ O ₃	TiO ₂	Na ₂ O, K ₂ O	Rest
60+/-2	21,5+/-1,5	3+/-1	12+/-2	1,25+/-0,75	< 1	< 2,5

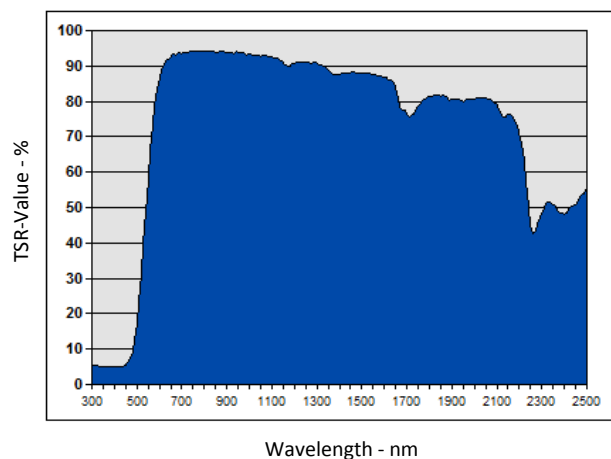
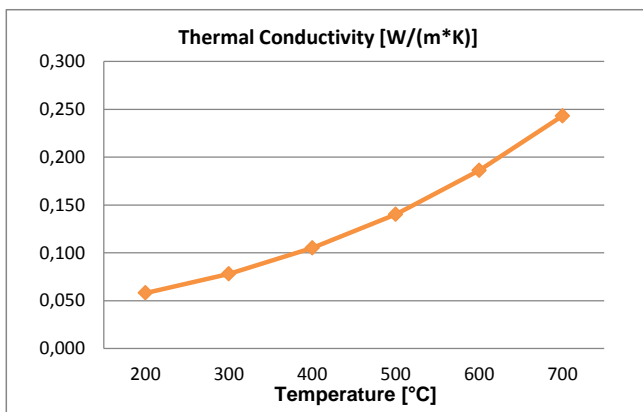
Thermal Conductivity λ

200	300	400	500	600	700	[°C]
0,058	0,078	0,105	0,140	0,186	0,243	[W/m*K]

Forms of Supply

ECR-Glass fibre shell from 2,5 mm according to your request.

Thermal Conductivity



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This information is based on our present state of knowledge and experience and are made to the best of our knowledge and belief. In this case these informations are not to be understood as a guarantee or a promise of properties.