

TECH Loose Wool HT / Mineralwolle lose SL

Loose wool with a special quality for air separation units

Characteristic	Symbol	Unit	Quantities and measured values					Standard
Application fields	-	-	Filling insulation loose wool for air separation units with large or hard to access cavities and complex surfaces where finished products do not fit.					-
Material	-	-	Mineral wool labelled RAL (free of any hazardous material) according to German Institute for Quality Assurance and Certification and to European regulation Nr. 1272/2008 nota Q.					-
Thermal conductivity (by an apparent density of 100 kg/m ³)	T	[°C]	50	100	150	200	250	EN 12667 EN 12939
	$\lambda_{N,P}$	[W/(m·K)]	0,042	0,050	0,060	0,072	0,087	
Specific thermal capacity	c	[kJ/(kg·K)]	~ 1					-
Thermal behaviour	-	-	Thermally resistant till 700 °C. In case of contact with chemical substances, e.g. exhaust gases and its condensates or in case of chemical contaminations, e.g. when there are constant vibrations, especially in combination with working temperatures higher than 550 °C, the use of TECH Loose Wool HT has to be cleared up with the producer. From 150 °C, the organic parts start to volatilise.					-
Fire behaviour	-	-	Non-combustible; euroclass A1, according to the decisions 96/603/EG, 2000/605/EG and 2003/424/EG of the commission . Melting point \geq 1.000 °C, according to DIN 4102, part 17. Non-combustible according to IMO-Resolution MSC.61(67)-(FTP code), IMO MSC/Circ. 1120. Accredited for ship building according to EC-type examinatin cetificate nb. 114.415.					EN 13501 DIN 4102 IMO
Chemical behaviour	-	-	AS quality (chloride content \leq 10 ppm). Free of corrosion supporting materials. Silicone free. Low sulphide content					AGI Q 132
Water vapour diffusion resistance factor	μ	-	~ 1 (mineral wool)					EN 12086
Miscellaneous	-	-	ISOVER is certified according to EN ISO 9001 and EN ISO 14001.					-

Delivery forms	
12 kg* / bag	
21 bags / palette	
Also deliverable in big bundles.	
*Variations of the nominal filling quantities by \pm 5% are possible.	

The provided information correspond to our present state of knowledge and experience at the date of printing (see imprint). No legal guarantee can be given, unless it has been explicitly agreed. The state of experience and knowledge is developing continuously. Please make sure that you always use the latest status (accessible in Internet under www.isover-technische-isolierung.de). The described product takes neither special applications nor singular cases into account. Please verify if our products are appropriate for the concrete application. We deliver only according to our terms of trade and terms of delivery.