



Automotive Insulation



Product designed for acoustical and thermal insulation of automotive engine and driver compartments, which is left uncured for subsequent re-processing by thermocompression.



SOUND ABSORPTION

Improved acoustic comfort due to its excellent sound absorption properties after moulding



THERMAL INSULATION

Excellent thermal insulation



FIRE REACTION

Non combustible, meets horizontal combustibility and trucks afterglow standards



HIGH SERVICE TEMPERATURES

Sustains up to 230 °C operating temperatures, with stable dimensions



MECHANICAL RESISTANCE

Self-supporting and vibration resistance parts throughout the vehicle life



CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES	STANDARD
Thermal behaviour	T	°C	After moulding, service temperature up to 230 °C, with stable dimensions	-
Reaction to fire	-	-	Non combustible, successful to horizontal combustibility test	-
Chemical behaviour	-	-	Free of sulfite, chromium and sulphur	-
Application field	-	-	Product designed for acoustical and thermal insulation of automotive engine and driver compartments Glass wool blanket impregnated with a formo-phenolic and urea binder, thermosetting from 200 °C to 210 °C	-
Material	-	-	ISOVER glass wool with quality marks EUCEB & RAL are free of any classification under the European Regulation (EC) n° 1272/2008 related to the classification, the labelling and the packaging of dangerous substances and under the German "Gefahrstoffverordnung"	-
Facing	-	-	3 different facings on choice: - Polypropylene non woven tissue 14 g/m ² (PP) - White polyester non woven tissue 23 g/m ² (PEST) - Black polyester non woven tissues 65 g/m ² with hydro and fire retardant treatment	-
Color	-	-	Available in black or yellow	-
Characteristics	-	-	Product range: from 300 to 1800 g/m ² - 300 to 425 g/m ² (-/+15.0 %) - 500 to 1800 g/m ² (-10.0/+15.0 %) Dry binder content: 10.0 % (+2.5/-1.5 %) of the total weight Moisture content: 2.5 % (+/-1.0 %) of the total weight	-
Water vapour resistance coefficient	μ	-	- 1	EN 12086
Delivery form	-	-	Length: depending on the gram-weight Width: 0.82 m to 1.53 m usable, depending on gram-weight Diameter of roll: mini 400 mm - maxi 800 mm Rolls are packed in polyethylene bags Rolls kept packed shall be processed within 45 days after the date of production Rolls shall be processed within 5 days when unpacked	-

