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(54) Title: BALLISTIC RESISTANT SHEET AND BALLISTIC RESISTANT ARTICLE

(57) Abstract: The invention relates to a ballistic resistant sheet comprising a stack of at least 4 monolayers, each monolayer containing unidirectionally oriented reinforcing fibres with a tensile strength of between 3,5 and 4,5 GPa, and at most 20 mass% of a matrix material, the areal density of a monolayer is at least 25 g/m² and with the fibre direction in each monolayer being rotated with respect to the fibre direction in an adjacent monolayer. The invention further relates to a ballistic resistant moulded article, i.e. a shaped part, comprising at least two ballistic resistant sheets according to the invention, which may be used as, for example, a panel for use in e.g. a vehicle, especially a curved panel, a hard insert e.g. for use in protective clothing and bullet resistant vests, etc. The ballistic resistant moulded article optionally may have a ceramic or a metal strike face. The ballistic resistant moulded article according to the invention offers protection against ballistic impacts such as bullets and ballistic fragments.

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