

BALLISTIC-RESISTANT HELMET SHELL

ABSTRACT

5 A ballistic-resistant helmet shell which comprises a consolidated
stack of layers of uni-directionally aligned anti-ballistic fibers and a binder,
characterized in that said ballistic-resistant helmet shell has an average thickness at
the crown of from 3.5 to 5.5 mm; an average thickness at each of the front and back of
from 4.5 to 6.5 mm; and an average thickness at the left and right of from 4.5 to 7.5
10 mm; and wherein the average thickness at the crown is less than the average
thickness at the front.

Fig. 1