

WHOLLY AROMATIC POLYAMIDE FIBERS, A SHEET COMPRISING SAME
AND METHOD OF PRODUCING THE SHEET

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ABSTRACT OF THE DISCLOSURE

10 Aromatic polyamide fibers which have a crystalline
structure having (1) crystal size (A) in a (110) plane of
7.5 nm, (2) crystal size (B) in a (200) plane of 8.2 nm
and (3) a product $A \times B$ of 61.50 to 630.00, and exhibit a
thermal linear expansion coefficient of $-1.0 \times 10^{-6}/^{\circ}\text{C}$ to
15 $-7.5 \times 10^{-6}/^{\circ}\text{C}$ and thus a high dimensional stability even
upon moisture-absorbing and desorbing, are useful for
forming a resin-reinforcing fiber sheet, a pre-preg
containing the fiber sheet, and a laminate for, for
example, an electric insulating material or electric
circuit board, having an excellent cutting, shaving,
20 perforating or laser processability and capable of
forming a smooth cut, shaved or perforated face.

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