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The influence of the weaving pattern on the interface friction in aramid fabrics under the conditions of the transverse loading

A.P. Beliaev, T.A. Beliakova, P.V. Chistiakov, A.V. Iniukhin, L.A. Kostyreva, P.A. Mossakovsky, Yu. P. Zezin

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Various weaving patterns of fabric The estimation of the transversal load at the impact 11 3/3 **Experimental investigation** of interface friction Twill 2111/2111 Twill 1/4/4/1 Static friction coefficients Twill 1/2 Twill 3/3 Twill 1/4/4/1 Twill 2111/2111 Type of v Plair 0.24 0.3 0.24 0.27 0.26 Pla 0.25 0.31 0.3 0.29 Twill 3/3 0.24 0.26 0.26 0.24 Twill 1/2 0.21 Twill 1/4/4/1 0.3 0.29 Twill 2111/2111 0.26 0.31 0.3

Graphical Abstract

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