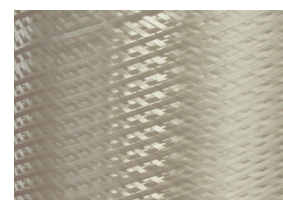


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Multifilament Chitosan Yarn

The Institute of Biopolymers and Chemical Fibres is in possession of the know-how and equipment to start the production of continuous chitosan fibres on an extended lab scale. The Institute is highly experienced in the wet – spinning of polysaccharides, especially chitosan. The Fibres from Natural Polymers department, run by Dr Dariusz Wawro, has elaborated a proprietary environmentally-friendly method of producing continuous chitosan fibres with bobbins wound on in a form suitable for textile processing and medical application.



Multifilament chitosan yarn

We are ready, in cooperation with our customers, to conduct investigations aimed at the preparation of staple and continuous chitosan fibres tailored to specific needs in preparing non-woven and knit fabrics.

We presently offer a number of chitosan yarns with a variety of mechanical properties, and with single filaments in the range of 3.0 to 6.0 dtex.

The fibres offer new potential uses in medical products like dressing, implants and cell growth media.

For more information please contact:
Dariusz Wawro Ph.D., Eng
Instytut Biopolimerów i Włókien Chemicznych
ul. Skłodowskiej-Curie 19/27;
90-570 Łódź, Poland;
Phone: (48-42) 638-03-68, Fax: (48-42) 637-65-01
E-mail: dariusz.wawro@ibwch.lodz.pl