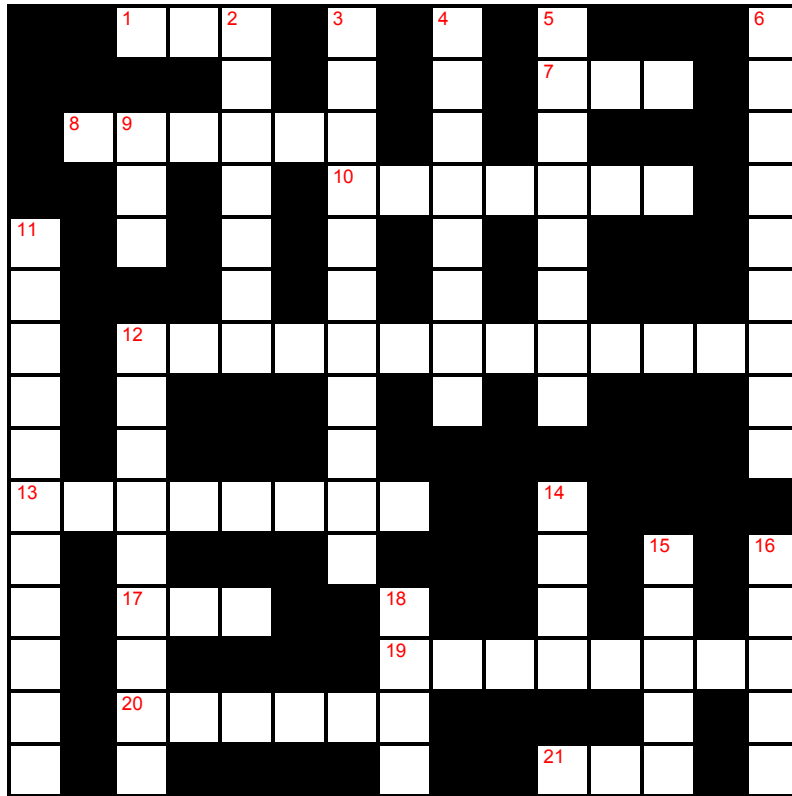


Artificial_Fibres_15x15_2008-10-22

B.B. Huria



Across

- 1 A sheet of fibre. (3)
- 7 The contact point or line between two rolls on equipment that fabric passes through. (3)
- 8 Electric charge that accumulates during fibre processing. (6)
- 10 The process of separating fibres from each other after they are removed from a bale. (7)
- 12 A mass or ball of fibres. (13)
- 13 A long continuous strand of fibre. (8)
- 17 A bundle of fibre in filament form before cutting. (3)
- 19 A material or solution

that can be used to bond two materials together. (8)

- 20 The weight in grams of 9,000 meters of a fibre. The lower the denier, the finer the fibre. (6)
- 21 It gets converted in the carding machine into thin-carded web known as sliver. (3)

Down

- 2 Stuffing made of rolls or sheets of fibre, such as after carding. (7)
- 3 A fibre made up of two different polymer types. Also called a conjugate fibre. (11)
- 4 A machine that

smoothes or glazes cloth by pressing it between plates or passing it through rollers. (8)

- 5 An additive that reduces electro-static charges that occur in fibre processing. (8)
- 6 Crimp ____ - The number of crimps per inch of fibre. (9)
- 9 The weight of 1 kilometer of a fibre. (3)
- 11 Ultra-fine fibres that are less than one denier. (11)
- 12 Crimp ____ - The height of one wave or curl of a single fibre. (9)
- 14 A large bundle of

fibre bound for storage or transport. (4)

- 15 A lock of fibre that has been artificially waved or curled (5)
- 16 A combination of two of more fibres. (5)
- 18 Equipment used to separate fibres, align them and produce a batting or web of fibres. (4)