

Galaxy[®] VY
Galaxy Trilobal Cellulosic Fibre

Galaxy[®]'s main advantage is its increased absorption capability. Galaxy[®] structures absorb between 25% and 30% more liquor than cotton and standard rayon fibre constructions, depending on the nonwoven structure formation. Galaxy[®] finds its main application in the manufacture of tampons, where it is the market leader. It also finds use in standard nonwoven applications such as dry laying or spunlacing, where the absorbency benefits can help the producers of wipes or fabrics to make a more cost effective product.

Galaxy[®] can add value to medical nonwoven constructions and fluid transport layers with its increased absorption capabilities.

Galaxy[®] is fully compliant to the requirements of the US and European Pharmacopoeias and is certified to the Ökotex Certificate Class 1. Galaxy[®] is finished with vegetable derived finishes that are fully approved by the FDA and European Authorities for the use in medical or in hygienic enduses.

Main fabric properties with Galaxy[®] through spunlacing in blend with PET fibre (40% Galaxy[®] / 60% PET):

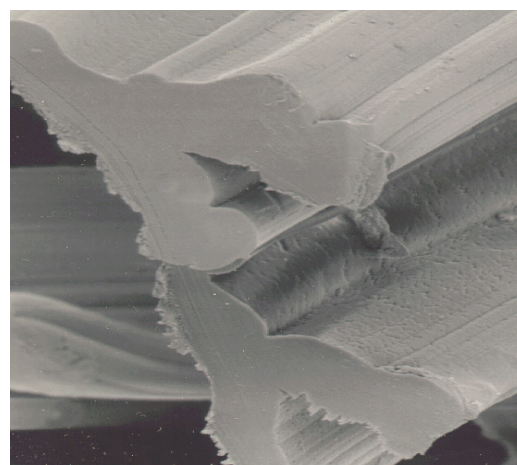
Fabric Property	Galaxy [®] /PET blend	Standard Viscose/PET blend
Bulkiness in cm ³ /g	12	10
Tenacity dry MD+CD, in cN/tex	5.5	4.5
Water pick-up in gms combined CD+MD	16	12

Availability:

Decitex	Staple (mm)	Bleached Bright
2.6	30, 38	•
3.3	30, 38	•
4.2	30	•
3.3	4-12	•

Fluid absorption characteristics:

Fibre property	Galaxy [®]	Standard Viscose
Water imbibition in %	120	80
Syngina Absorbency in gram/gram	5.5	4.3
Water holding capacity EP in gram/gram	25	20
Sink Time EP in seconds	2.5	2.5



For more information about our products please email to: nonwovens@kelheim-fibres.com or call Germany +49-9441-99423. Please visit also our website www.kelheim-fibres.com .

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