

Galaxy VY - Trilobal Cellulosic Fibre
Galaxy is the tampon fiber

Its's main advantage is the increased absorption capability. Galaxy finds its main application in the manufacturing of tampons, where it is the global market leader. It allows a highly absorbent, descreet and still soft tampon construction. Galaxy structures absorb up to 30% more liquor than cotton and standard rayon fibre constructions, depending on the nonwoven structure formation.

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.

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.

If used in a wipe:

Main fabric properties with Galaxy through spunlacing in blend with PET fibre in comparison to standard Viscose:

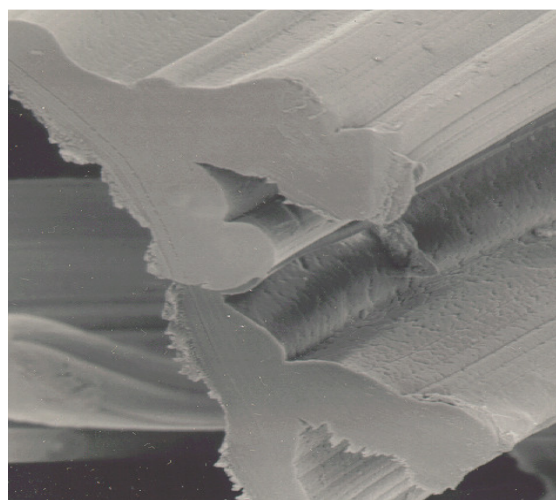
Fabric Property	Galaxy 40% / PET 60% blend	Standard Viscose 40% / PET 60% blend
Bulkiness in cm ³ /g	12	10
Water pick-up in gms combinded CD+MD	16	12

Availability:

Decitex	Staple (mm)	Bleached Bright
3.3	30 and 38	•

Fluid absorption characteristics:

Fibre property	Galaxy	Standard Viscose
Water imbibition in %	120	80
Syngina Absorbency in gram/gram	5.2	4.3
Water holding capacity EP in gram/gram	24	19
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 . 03/2010

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