Daltex® BALANCE

Don & Low
MEMBER OF THRACE GROUP

Technical Datasheet

Daltex® Balance is an isotropic polypropylene spunbond nonwoven available in weights between 50 – 110 g/m^2.

The strength differential between machine direction (MD) and cross direction (CD) is reduced. The reduction is achieved by increasing the CD strength without sacrificing MD strength, which results in an uplift in CD strength of up to 20%.

Also, melt additives, hydrophilic, hydrophobic and UV stabilisers can be incorporated to impart additional functionality.

Features

- Isotropic properties reduce the differential between MD and CD strength.
- 15 - 20% increase in CD strength, when compared to standard PP spunbond.

Benefits

- The uplift in strength in the weakest direction improves product performance.
- Isotropic behaviour is achieved without sacrificing MD strength.
- CD strength has a performance equivalent to that of a spunbond 20% heavier.

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TEST	METHOD		DALTEX® BALANCE*				
Fabric weight (g/m²)	NWSP 130.1		50	65	80	100	110
Tensile Strength (N)	NWSP 110.4	**MD**	135	169	204	239	269
		CD	109	144	178	208	234
Elongation (%)	NWSP 110.4	**MD**	>45	>45	>45	>45	>45
		CD	>45	>45	>45	>45	>45

MD = machine direction, CD = cross/transverse direction
*All of the above are the expected values of Daltex® Balance

All products are manufactured under BS EN ISO 9001.

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