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SD POLYMERS STAPLE FIBER POLYESTER TYPE 250

Product Description

SD Polymers Staple Fiber Polyester Type 250 is a nonwoven polyester mat with glass reinforcement and chemical binder.

Technical Information

Physical Properties	SI Units	FPS Units
Mat Weight	250 (min. 240) g/m ²	5.1 (min. 4.9) lbs/100ft ²
Thickness	1.3 (min. 0.9) mm	51.2 (min. 35.4) mils

Mechanical Properties	SI Units	FPS Units
Tensile Strength, MD	613 (min. 569) N/50mm	70 (min. 65) lbs/in.
Tensile Strength, CD	569 (min. 437) N/50mm	65 (min. 50) lbs/in.
Elongation, MD	35 (min. 25) %	35 (min. 25) %
Elongation, CD	45 (min. 35) %	45 (min. 35) %
Tear Strength, MD	89 (min. 67) N	20 (min. 15) lbf
Tear Strength, CD	111 (min. 84.5) N	25 (min. 19) lbf

Thermal Properties	SI Units	FPS Units
Shrinkage @ 200°C, MD	0.3 (max. 1.00) %	0.3 (max. 1.00) %
Shrinkage @ 200°C, CD	0.2 (max. 0.9) %	0.2 (max. 0.9) %

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