

Material information

DuPont™ Tyvek® 2462-C



Description:

Tyvek® 2462-C is an antistatic bilaminate (white side HDPE/grey side- SBPP). This style possesses statically dissipative properties and UV inhibitors, which offer increased protection from UV damage. The material is both water vapour-permeable and water-repellent. Unlike materials with natural fibres, it does not absorb water. Tyvek® 2462-C is light, has an outstanding strength-weight ratio and also offers protection from a large number of chemicals/oils and environmental influences.

Physical properties:

Dimensions	Value	Test method
Surface weight	161 g/m ²	ASTM D-1777
Thickness	660 my	TAPPI T-410
Strength		
Tensile strength	>350 N (MD/CD)	ASTM D1682
Tensile strength	>220 N/5cm (MD/CD)	ASTM D882
Elongation at rupture max.	>15% (MD/CD)	ASTM D882 (%elongation at rupture)
Resistance to perforation	>206 kPa	ASTM D3420 (Spencer puncture)
Tear resistance	>35 N (MD/CD)	ASTM D1117
Barrier		
Water column	>75 cm	AATCC 127
Water vapour permeability	>1,600 g/m ² - 24 hours	ASTM E-96 method B
Electrostatic dissipation	2.5*10 ⁹ ohm	EN1149-1

Application:

This dimensionally stable style possesses a high degree of resistance and has been developed for use as packaging material in the automotive sector. Tyvek® 2462-C can also be used in a large number of other areas. It is used, for example, in the reusable packaging market or is used to manufacture protective hoods, whether indoors or outdoors.

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