

Material information

DuPont™ Tyvek® 1560-K



Description:

Tyvek® 1560-K impresses due to its extremely high water column in relation to its relatively low surface weight. The material also impresses with its very good water vapour permeability. Additional UV inhibitors offer increased protection from UV damage. Tyvek® 1560-K is lightly structured and offers high resistance to perforation and tear resistance; at the same time, however, it is also highly flexible.

Physical properties:

Dimensions	Value	Test method
Surface weight	58 g/m ²	DIN EN ISO 536
Thickness	170 my	DIN EN ISO 534
Strength		
Tensile strength	165/140 N/5cm (MD/XD)	EN 12311-1
Resistance to perforation	525 kPa	ISO 2758
Tear resistance	65/60 N (MD/XD)	EN 12310-1
Barrier		
Water column	200 cm	DIN EN 20811
Water vapour permeability	1,600 g/m ² - 24 hours	DIN EN ISO 12572

Application:

Due to its physical properties, Tyvek® 1560-K is frequently used as protection for perishable products during transportation on land, by air or by sea. The breathability and protective functions of Tyvek®1560-K also make this style the perfect partner in agriculture, for example as a cover for tree trunks. Alternatively, it can also be used as material for covers or coating to provide protection from mechanical stress, both indoors and outdoors.

It retains its physical properties and flexibility in a temperature range from -70° to +85° C. The melting point of Tyvek® 1560-K is 118° C.

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