



A PANAVISION COMPANY

Data Sheet – Polyester Lighting Filter

599 Nocturnal Blue

Use:

A combination of Neutral Density and CT Blue. Ideal for placing on windows when filming nighttime scenes during the day.

Production:

Each batch is manufactured by surface coating a thin layer of diffuse lacquer onto both sides of polyester (PET) film substrate. Typically, the lacquer contains a blend of resins and pigments.

Quality Control

Every individual batch of filter is stringently monitored for; consistency and repeatability of colour, correct stop value, conformity to flame retardancy standards, and adequate adhesion of coating to substrate.

Specifications

Colour: See attached spectral transmission curves
Approximate thickness = 0.08mm approx.
Recommended maximum working temperature: 180°C

Flame Retardancy

Conforms to B.S.3944 Part 1 1992. Colour and Diffusion filter material for theatre, television, and similar entertainment purposes. Specification for flammability and dimensional stability.

Available Sizes

Standard Rolls: 7.62m x 1.22m
Wide Rolls: 6.10m x 1.52m
Sheets: 0.53m x 1.22m
Half Sheets: 0.53m x 0.61m

Data – Tungsten Source (3200K)

Transmission Y (%) - 0.32
x – 0.312
y – 0.336
Absorption (abs) – 2.49

Data – Daylight (Source C)

Transmission Y (%) - 0.36
x – 0.213
y – 0.22
Absorption (abs) – 2.45

