TECHNICAL DATA

Steeliner smooth VWR - TR

Translucent smooth sheet

Code: TDS-SG-GBS
Inspection: 00
Valid from: 16/04/18
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Product description

teeliner® is a smooth and translucent plastic laminate, designed to allow the passage of light through the roof of the trucks and trailers, providing a better view inside the truck in loading and unloading operations. Contains a gel coat, with UV protection, on its outer side that provides greater durability.

Steeliner® contains a fiberglass in its interior that gives it high mechanical properties, which increase its strength and durability.

Sector
Truck & Trailer

Application
Roof T&T - Translucent

Advantage
Good light transmission

High mechanical resistance

High tear strength

Weight reduction in vehicle

Range

Thickness *	Finish	Color *	Sizes *
1,5 – 1.9 mm	Smooth	Crystal	Width and length: to consult

*   Consult our wide range of thicknesses, colors and dimensions to Stabilit Europe under minimum order requirements

Technical characteristics

Properties	Rule	Value
Flexural strength	ASTM D-790	206 MPa
Flexion module	ASTM D-790	6.205 MPa
Tensile strength	ASTM D-638	193 MPa
Tension module	ASTM D-638	10.342 MPa
Elongation	ASTM D-638	1,5 %
Thermal expansion coefficient	ASTM D-696	$2,5 \times 10^{-2}$ mm/mm ºC
Thermal conductivity (K)	ASTM C-177	2,8 W/m² ºK
Barcol hardness	EN 59	30-40
Water absorption	ASTM D-570	0,3 %
UV protection	-	Gel coat on external side
Additional component	-	Veil and tissue (WR)
Adhesive film protection	-	Applied on external side

Standard specification of the product

−   Thickness: ± 10%
−   Width: ± 3,18 mm
−   Length: ± 3,18 mm (en lámina)
−   Outage: ≤ 3,18 mm

Storage recommendations

−   Store the sheets indoor in cool, dry and well-ventilated areas
−   The sheets must be stacked on pallets of no more than 5 pallets in height
−   Do not allow moisture to accumulate in the intermediate sheets