

PRESSED
POLISHED
SHEET



Technical data | Technische Daten | Datos técnicos | Dati tecnici: RENOLIT FLEXGLAS / SEA-FLEX

Product overview | Produktübersicht | Lista de productos:

Article code Artikelnummer Referencia	Description Bezeichnung Descripción	Colour n° Farbnummer N° de color				
S10.60.31.0010.000	FLEXGLAS CAR UV TRP Clear (No stamp)*	Transp. Clear	500 µm	610 x 1372 mm	20 ⁽¹⁾	300 ⁽²⁾
S10.60.31.0011.000	FLEXGLAS CAR UV TRP Clear *	Transp. Clear	750 µm	610 x 1372 mm	15 ⁽¹⁾	225 ⁽²⁾
S10.60.31.0012.000	FLEXGLAS CAR UV TRP Clear *	Transp. Clear	1000 µm	610 x 1372 mm	10 ⁽¹⁾	150 ⁽²⁾
S10.60.31.0013.000	FLEXGLAS CAR UV TRP Green *	Transp. Green	1000 µm	610 x 1372 mm	10 ⁽¹⁾	150 ⁽²⁾
S10.60.31.0015.000	FLEXGLAS CAR UV TRP Charcoal *	Transp. Charcoal	1000 µm	610 x 1372 mm	10 ⁽¹⁾	150 ⁽²⁾
S10.60.31.0002.001	FLEXGLAS MAR UV TRP Clear (No stamp)	Transp. Clear	500 µm	1260 x 2520 mm	2 ⁽¹⁾	168 ⁽²⁾
S10.30.31.0003.001	FLEXGLAS MAR UV TRP Clear (No stamp)	Transp. Clear	750 µm	1260 x 2520 mm	3 ⁽¹⁾	149 ⁽²⁾
S10.30.31.0004.000	FLEXGLAS MAR UV TRP Clear (No stamp)	Transp. Clear	1000 µm	1260 x 2520 mm	5 ⁽¹⁾	75 ⁽²⁾
S10.60.31.0008.000	FLEXGLAS CAR UV TRP Clear	Transp. Clear	1000 µm	737 x 1727 mm	10 ⁽¹⁾	150 ⁽²⁾

⁽¹⁾sheets / drum | ⁽²⁾sheets / pallet

REACH compliant | REACH konform | Corresponde a REACH | Conforme a REACH



Properties Eigenschaften Propiedades Proprietà	Standard Norm Normativa Normativa	Units Einheiten Unidades Unità	Value Werte Valores Valori					
			500 µm	750 µm	1000 µm	1250 µm	1500 µm	
Specific weight <i>Spezifisches Gewicht</i> Peso específico <i>Peso specifico</i>	ASTM D-792	g/cm ³	1,28	1,28	1,28	1,29	1,30	
Hardness (Shore A) <i>Härte (Shore A)</i> Dureza (Shore A) <i>Durezza (Shore A)</i>	ASTM D-2240		90	90	90	90	90	
Tensile Strength <i>Zugfestigkeit</i> Resistencia a la rotura <i>Resistenza a trazione</i>	ASTM D-412	MPa	23	25	26	24	24	
Elongation at break <i>Bruchdehnung</i> Alargamento a la rotura <i>Allungamento a rottura</i>	ASTM D-412	%	220	240	265	265	265	
Tear strength <i>Reißfestigkeit</i> Tensión de rotura <i>Resistenza allo strappo</i>	ASTM D-1004	N/mm	80	85	90	90	90	
Haze <i>Streulicht</i> Dispersión luminosa <i>Dispersione luminosa</i>	ASTM D-1003	%	1	1	1	1	1	
Volatile loss <i>Flüchtige Bestandteile</i> Componentes volátiles <i>Componenti volatili</i>	ASTM D-1203	%	< 1,0	< 1,0	< 1,0	< 1,0	< 1,0	
Shrinkage <i>Schrumpf</i> Contracción <i>Retrazione</i>	ASTM D-1204	%	< 1	< 1	< 1	< 1	< 1	
Cold flexibility <i>Kälteflexibilität</i> Flexibilidad al frío <i>Flessibilità al freddo</i>	ANSI Z26.1	°C	-50	-50	-50	-50	-50	
Brittleness temperature <i>Resistência ao frio</i> Resistencia al frío <i>Resistenza a freddo</i>	EN1876-2	°C	-5	-5	-5	-5	-5	
Light transmission <i>Lichtdurchlässigkeit</i> Transmisión de luz <i>Trasmissione della luce</i>	Clear & Green <i>Transparent & Grün</i> Transparente & verde <i>Trasparente e verde</i>	ANSI Z26.1	%	> 80	> 80	> 80	> 80	> 80
	Charcoal <i>Anthrazit</i> Gris <i>Fumè</i>			< 80	< 80	< 80	< 80	< 80
Flammability <i>Flammschutz</i> Resistencia al fuego <i>Resistenza al fuoco</i>	ANSI Z26.1 section 5.23	in2/s	Pass	Pass	Pass	Pass	Pass	
Chemicalresistance <i>Chemische Beständigkeit</i> Resistencia química <i>Resistenza chimica</i>	ANSI Z26.1 ***		Pass	Pass	Pass	Pass	Pass	
Weatherability <i>Witterungsbeständigkeit</i> Resistencia a la intemperie <i>Resistenza alle intemperie</i>	ASTM D-1499		No visible changes after 1000 hours <i>Keine sichtbaren Veränderungen nach 1000 Stunden</i> Sin cambios visibles después 1000 horas Senza cambiamenti visibili dopo 1000 ore					

Also available:
Clear roll material RENOLIT PRIME
CRYSTAL CLEAR (0.25 - 1.0 mm)

Ebenfalls erhältlich:
Transparente Rollenware RENOLIT PRIME
CRYSTAL CLEAR (0,25 - 1.0 mm)

También disponible:
Bobinas de lámina transparente RENOLIT
PRIME CRYSTAL CLEAR (0,25
- 1,0 mm)

Disponibil anche:
Rotoli di materiale trasparente RENOLIT
PRIME CRYSTAL CLEAR (0,25 - 1,0 mm)

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* Type approvals for the automotive industry in acc. with UN-ECE 43r (E-mark) available for the common combinations of thickness and colour. DOT stamp acc. to ANSI/SAE Z26.1-1996 available for the thickness range of 0.5 to 1.5 mm in all three colours.

** The PVC sheets are REACH compliant; they do not contain any substances of the SVHC list.

*** 1% soap, kerosene, alcohol, gasoline, windshield cleaner.

Quality Manager RENOLIT Guangzhou: Nevin Zhou

Signature:

The physical properties shown above are average values obtained from tests by RENOLIT or external laboratories. All data are believed to be correct but they do not constitute a warranty, expressed or implied, as to the condition quality and performance of a product for a specific use or application the buyer or user should determine the suitability of the materials for the intended use. RENOLIT assumes no liability for any damages or consequential loss.