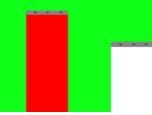
Technical data - Super low temp clear PVC strip curtains

rev 2024/07

ASTM D1003			DESCRIPTION
//311101003	%	85	Visible light rate transmitted through the material.
ISO 868	Sh A	62	Index based on a flat indenter's penetration depth. Scale from 0 (soft) to 100 (hard).
DIN 53515	N/mm	25	Minimum tensile stress required to tear a pre-slit sample.
ASTM D638 ISO 527	N/mm ²	10	Maximum tensile stress that a material can be subjected to before break.
	%	420	Elongation of the specimen at the break point under tensile stress.
	%	80	Permanent elongation of the specimen measured after rupture in a tensile test.
ASTM C177	W/m·K	0.16	Ability to conduct heat. The lower it is, the more insulation.
ISO 8570	°C	-65	Temperature at which the specimen break under torsion stress. Brittle point (Clash & Berg).
DIN EN 1876	°C	-60	Temperature range where material keep its mechanical properties (flexibility).
	°C	+15	
ISO 306	°C	46	Temperature at which the specimen is penetrated to a depth of 1 mm by a 1 kg flat indenter of 1 mm ² .
ISO 11357	kJ/kg·K	1.6	Heat energy required to increase the temperature of one kilogram of the material by one degree Celsius.
DIN 52210	dB	>35	Average sound level (frequency 0.1 to 3.2 kHz) decreased by a 1.76 m ² and 5 mm thick PVC curtain.
EN 13501- 1:2007	Class	-	Standard classifications of material self-extinguishing and resistance to combustion.
ISO EN 25980	-	-	Ability to filter welding rays allowing the use of this material as a welding protection screen.
ISO 4892	-	Yes	Ability to resist to UV (sun, welding arc).
ASTM D257	.10 ¹⁰ Ω/□	3	Material surface electric resistivity measured with a 100 V direct voltage.
ISO 62	%	-0.2	Material mass variation after exposure to humid conditions (<0 if released/ >0 if absorbed).
-	-	No	Special ability to keep insects away (food processing plants, tropical regions).
ASTM D792	g/cm ³	1.18	Mass per unit volume.
	DIN 53515 ASTM D638 ISO 527 ASTM C177 ISO 8570 DIN EN 1876 ISO 306 ISO 11357 DIN 52210 EN 13501- 1:2007 SO EN 25980 ISO 4892 ASTM D257 ISO 62 - ASTM D792	DIN 53515 N/mm ASTM D638 ISO 527 N/mm² % % 0% % ASTM C177 W/m·K ISO 8570 °C DIN EN 1876 °C ISO 306 °C ISO 11357 KJ/kg·K DIN 52210 dB EN 13501- 1:2007 Class SO EN 25980 - ISO 4892 - ISO 62 % ISO 62 % ASTM D792 g/cm³	$\begin{array}{ c c c } DIN 53515 & N/mm & 25 \\ \hline N/mm^2 & 10 \\ ASTM D638 \\ ISO 527 & 0% & 420 \\ \hline \% & 80 \\ \hline M & 10 \\ \hline $

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Strip Curtain Solutions

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