

**TECHNICAL SPECIFICATIONS**

PROPERTY	Standard	Unit	標準仕様		低温度帯仕様		Description
			Standard	Reinforced	Polar	Colored Opaque or transp.	
光線透過率	ASTM D1003	%	85	85	85	0 to 80	Visible light quantity transmitted through the material.
ShoreA 硬度	EN ISO 868	Sh A	80	80	62	65 to 80	Index based on a flat indenter's penetration depth. Scale from 0 (Soft) to 100 (Hard).
引裂強さ	DIN 53515	N/mm	50	80	28	28 to 50	Minimum tensile stress required to tear a pre-slit sample.
引張強さ	ASTM D638	N/mm <sup>2</sup>	16	16	12	12 to 16	Maximum tensile stress that a material can be subjected to before break.
伸び	EN ISO 527-2	%	340	340	390	340 to 390	Elongation of the specimen at the break point under tensile stress.
残留伸び	EN ISO 527-2	%	68	60	76	68 to 76	Permanent elongation of the specimen measured after rupture in a tensile test.
熱伝導率	ASTM C 177	W/m.K	0,16	0,16	0,16	0,16	Ability to conduct heat. The Lower it is, the more insulation.
曲げ脆化温度	ISO 8570	°C	-35	-35	-40	-35 to -40	Temperature at which the specimen break under torsion stress. Brittle point (CLASH & BERG)
使用温度帯	EN 1876	°C	-15 to +50	-15 to +50	-25 to +30	-15 to +50	Temperature range where material keep its mechanical properties (flexibility).
ピカット軟化温度	EN ISO 306	°C	50	50	48	48 to 50	Temperature at which the specimen is penetrated to a depth of 1 mm by a 1 kg flat indenter of 1 sq. mm.
比熱容量	ISO 11357	kJ/kg.K	1,6	1,6	1,6	1,6	Heat energy required to increase the temperature of one kilogram of the material by one degree Celsius.
音低減性能	DIN 52210	dB	>35	>35	>35	>35	Average sound level (freq. 0,1 to 3,2 kHz) decreased by a 1,76 sq.m. and 5 mm thick PVC curtain.
難燃性	AS/NZS 3837 DIN 4102	Grade	Grp4 B2	Grp4 B2	-	Grp4 B2	Standard classification of material self-extinguishing and resistance to combustion.
紫外線抵抗性	ISO4892	.	Yes	Yes	Yes	Yes	Ability to resist to UV (Sun, welding arc).
表面抵抗率	IEC 60093	Ω / □	4.10 <sup>13</sup>	4.10 <sup>13</sup>	4.10 <sup>13</sup>	4.10 <sup>13</sup>	Material surface electric resistivity measured with a 500 V direct voltage.
吸水性	EN ISO 62	%	-0,2	-0,2	-0,2	-0,2	Material mass variation after exposure to humid conditions. (<0 if released / >0 if absorbed)
比重	ASTM D792	g/cm <sup>3</sup>	1,22	1,23	1,18	1,2 to 1,5	Mass per unit volume.

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