

- **Product Properties - Polar PVC Roll**

- Transparent with blue tint

The Polar PVC roll is a clear, non-toxic, high performance, flexible vinyl extrusion compound developed specifically for door strip sheeting applications.

TECHNICAL SPECIFICATIONS

PROPERTY	Standard	Unit	Value
Shore A hardness	EN ISO 868	Sh A	65/62
Tearing resistance	DIN 53515	N/mm	28/25
Tensile strength at break	ASTM D 638 EN ISO 527	N/mm ²	12
Elongation at break		%	390/420
Residual elong. (after break)		%	76/80
Thermal conductivity	ASTM C 177	W/m.K	0,16
Cold bend brittle temperature	ISO 8570	°C	-40/-65
Usage temperature range	EN 1876	°C	-25/+30 -60/+15
Vicat softening temperature	EN ISO 306	°C	48/46
Specific heat capacity	ISO 11357	kJ/kg.K	1,6
Sound reduction	DIN 52210	dB	>35
Reaction to fire	CFM		
Light transmittance	ASTM D 1003	%	85
UV/IR filter	ALW	Filter	-
UV resistance	ISO4892	-	Yes
Charge buildup	IEC 61087	Sparks	Yes
Surface resistivity	IEC 60093	.10 ¹² Ω/□	40
Water absorption	EN ISO 62	%	-0,2
Density	ASTM D 792	g/cm ³	1,18

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