



# PVC ESTRUSO

Properties	Test method	Unit	ONGRODUR BS
<b>Mechanical</b>			
Density	MSZ ISO 1183	g/cm <sup>3</sup>	1,45
Tensile strength	MSZ EN ISO 527-1,2,	MPa	>45
Elongation at reak	MSZ EN ISO 527-1,2,	%	>25
u Modulus of elasticity	MSZ EN ISO 527-1,2,	MPa	>2500
Impact strength	MSZ EN ISO 179-2	-	no break
Impact strength at -	MSZ EN ISO 179-2	-	no break
Shore D	MSZ EN ISO 868	-	80
<b>Thermal properties</b>			
Vicat B	MSZ EN ISO 306	°C	79
		°F	174
Linear thermal expansion	DIN 53752	K <sup>-1</sup> x10 <sup>-4</sup>	0,7
Thermal conductivity	DIN 52612	W/mK	0,2
<b>Electronical</b>			
Dielectric strength	MSZ EN 60243-1	kV/mm	21
Surface resistivity	DIN 53482	Ohm	10 <sup>13</sup>
<b>General properties</b>			
Fire rating*	DIN 4102 (D)	-	B2
	CSE RF 3/77 (I)	-	Class2
	NFP 92-501 (F)	-	M2
	BS 476 Part7 (GB)	-	Class2
	UL 94 (US)	-	V0
Water absorption	DIN 53495	%	0,2
Working temperature range		°C	0-60
		°F	32-140

\*On request B1,Class1,M1,Class1 available

## SORRENTINO s.r.l.

Sede Legale e Produttiva - Via P.I.P. Industriale, 14  
Lotto 4 - 83020 DOMICELLA (AV) - Tel. 081.8254200 - Fax 081.8254306 - info@sorrentinopannelli.com

Sede Produttiva: Via Palazzon, 29 - 35010 CAMPODORO (PD)  
Tel. 049.9065946 - Fax 049.9069102 - campodoro@sorrentinopannelli.com

[www.sorrentinopannelli.com](http://www.sorrentinopannelli.com)