

Technical Data Sheet

Trovidur[®] ESV-TRX

Typical characteristics

- Altamente resistente a impactos
- Alta resistencia a los rayos UV y a la intemperie.
- Muy buen comportamiento de estiramiento para termoformado.
- RoHS
- Compatible con ELV
- Cumple con WEEE
- Compatible con RLAP
- Alta resistencia al impacto en frío
- Muy buena calidad superficial
- Retardante de llama, autoextinguible después de retirar la llama.
- Buenas propiedades de formación al vacío.

Typical industries

- Sector de la construcción

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,41
Water absorption	DIN EN ISO 62	%	0,20
Flammability (Thickness 1,5 mm)	BS 476 Part 7 (GB)		Class 1
VOC	ISO 16.000	conform	A+
Mechanical properties			
Yield stress	DIN EN ISO 527	MPa	45
Elongation at break	DIN EN ISO 527	%	20
Tensile modulus of elasticity	DIN EN ISO 527	MPa	2500
Notched impact strength	DIN EN ISO 179	kJ / m ²	8



	Test method	Unit	Guideline value
Shore hardness	DIN EN ISO 868	scale D	80
Ball Hardness	ISO 2039	MPa	100
Compressive strength	DIN EN ISO 604	MPa	65
Bending strength	DIN EN ISO 178	MPa	60
Thermal properties			
Thermal conductivity	DIN 52612-1	W / (m * K)	0,16
Vicat softening temperature	DIN EN ISO 306, Vicat B	°C	76
Service Temperature		°C	-20 ... +60
Heat deflection temperature	DIN EN ISO 75	°C	70
Coefficient of linear thermal expansion	DIN EN ISO 11359-2	mm/m K	~ 0,075
Electrical properties			
Dielectric constant	IEC 60250		3,2
Dielectric dissipation factor (10 ⁶ Hz)	IEC 60250		0,02
Volume resistivity	DIN EN 62631-3-1	Ω * cm	>10 ¹⁵
Surface resistivity	DIN EN 62631-3-2		>10 ¹³

The data stated above are average values ascertained by statistical tests on a regular basis. They are in accordance with DIN EN 15860. The data above are provided purely for information and shall not be regarded as binding unless expressly agreed in a contract of sale. Information on the REACH regulation can be found in our Product Handling Information Sheets, in our REACH information letter as well as in the SCIP database.