

ISOFORM ISOPHON 80 TPO

IF ISOPHON 80 TPO is a high density and flexible TPO polymer sheet filled with high dense filler. It is suitable for improving sound insulation applications, because of its good flexibility and high mass. It can be easily cut in different shapes and when combined with other materials it improves sound insulation performance. Sheet can be laminated with fleece.

	Norm	Value		Unit
Thickness		1-5		mm
Density	DIN 53420	2,4		g/cm ³
Weight per unit area		2,4-12		kg/m ²
Filler part		80		%
Hardness (Shore A/D)	DIN 53505	97/48		
Tensile strength at yield	ISO 527-1	5,5	Transversal	MPa
		5,1	Longitudinal	
Tensile strength at break	ISO 527-1	3,4	Transversal	MPa
		4	Longitudinal	
Elongation at break	ISO 527-1	5	Transversal	%
		3,6	Longitudinal	
Cold resistance (-30°C for 2 hours) Bending at angle 1800 over tube Φ100mm		free of crack		
Mass loss (6 hours 1600C)		0,05		%
Flammability	UL 94	HB		
	FMVSS302	Pass		

The information in this data sheet represents typical values obtained in our laboratory and should not be used as a specification.

Die Angaben im vorliegenden technischen Datenblatt präsentieren typische Werte, die wir in unserem Laboratorium erforscht haben und sind nicht als technische Einzelheiten zu nutzen.

