

POLYSTONE FENDER

Technical Data

General Properties	Data	Unit	Test Method
Specific gravity	0,95	g/cm ³	ISO 1183
Coefficient of sliding friction	0.2		
Sheet classification acc. standard	TG3		DIN 16972

Mechanical Properties	Data	Unit	Test Method
Tensile stress at yield	22	N/mm ²	ISO 527-1
Elongation at yield stress	8	%	ISO 527-1
Limiting bending stress 3,5%	20	N/mm ²	ISO 178
Modulus of elasticity in tension	900	N/mm ²	ISO 527-1
Impact strength	o.B.	mJ/mm ²	ISO 179
Shore hardness D	63	---	ISO 868
Wear resistance	>200	---	SAND-SLURRY

Thermal Properties	Data	Unit	Test Method
Fire Behaviour	HB	---	UL 94
Crystalline grain melting range	130-138	°C	DSC
Thermal conductivity	0,41 (*)	W/mK	DIN 52612
Coefficient of linear expansion between 20°C and 100°C	2*10 ⁻⁴ (*)	1/K	DIN 53752
Temperature range (short-term)	-80....130 (*)	°C	
Temperature range	-80....80 (*)	°C	DRUCK- UND MEDIENABHÄNGIG
Fire Behaviour	B2		DIN 4102

Electrical Properties	Data	Unit	Test Method
Insulation resistance	>10 ¹¹	Ohm x cm	DIN VDE 0303
Surface resistance	>10 ¹¹	Ohm	DIN VDE 0303
Track resistance	CTI 600	Stufe/Stage/Degré	IEC 60112
Arc resistance	L4 (*)	Stufe/degree/degré	DIN VDE 0303

Remark:

The data mentioned are average values ascertained by current statistical returns and tests.

The data above are provided purely for information and shall not be regarded as binding unless expressly agreed in a contract of sale.

*) Literature values

**) Depends on pressure and media

Colour: Black with some coloured specs