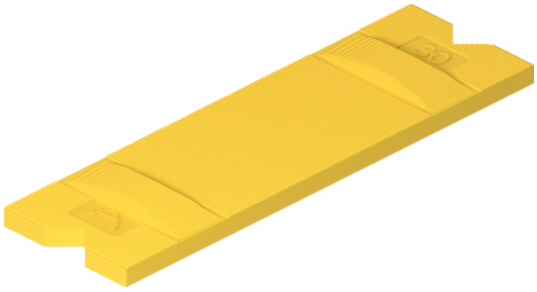
Roto Glas-Tec | GL-B

Product data sheet



Description GL-B
Dimensions See Roto Fix&Glazing catalogue (CTL_15)
Application Glazing block for glazing of windows and doors
Application area Standard glazing with brake membranes for lateral glazing
Raw material PP-B (polypropylene)

Material properties

		Test procedure
Modulus of elasticity	1550 MPa	ISO 178
Density	1.04 g/cm^3	ISO 1183
Hardness	63 Shore D	ISO 868
Permissible yield stress σ	29 MPa	ISO 527-2
Min. temperature	-30 °C	–
Max. temperature	+90 °C	–
Compressive load	62 MPa	ISO 2039-1
Thermal conductivity λ	0.22 W/mK	ISO 22007
Halogen-free	Yes	–
Resistance to plasticisers	Yes	–
Toxicity in fires	Formation of CO / CO_2 is very likely	–
Fire behaviour	HB	UL 94
UV resistance	Yes	–
Construction material class	Class B 2	DIN 4102-1

Product characteristics

		Test procedure
Breaking load / pressure deformation behaviour	2039 kg (-20 °C) 1376 kg (+23 °C) 398 kg (+80 °C)	ift Rosenheim
Material compatibility	Tested edge composite materials available upon request	ift guideline VE-05/01

Additional information

		Associated documents
REACH	Compliant	Available upon request