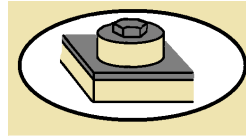
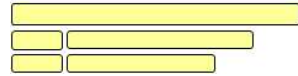
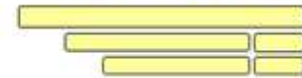


MOST DEFINED



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Thermo Donut © System

tech. data (overview)

high performance plastic material for thermal breaks:

Properties	Unit	Test	ECO (60)	Standard (200)	noncombustible (800)
			Foamed Hard PVC	Composite plastic material	Composite plastic material
Density	g/cm ³	DIN 53479	0,7	1,4	2.2
Flexural Strength at 23°C / E-Modul	N/mm ²	ISO 178	1000 (DIN 53457)	200	140
Compressive Strength at 23°C at 200°C	N/mm ²	ISO 604	11-19 (DIN 53421)	300 100	300
Coeff. of Thermal Expansion	10 ⁻⁶ K ⁻¹	DIN 53752	0,08 mm/° C	20	10
Thermal Conductivity	W/mK	DIN 52612	0,085 (DIN 52616)	0.13	0.12
Continuous Use Temperature	°C	-	-30 to +60	-50 to +200	-50 to +800
Maximum Use Temperature	°C	-	70	230	800
Water Absorption	%	DIN 53495	< 0,3	0.1	< 0.1
Available thickness			1-10 mm	3-100 mm	5-50 mm