RGS europa
STAMPAGGIO POLIURETANI

Baydur 110 technical data

Recommended wall thickness	3-12 mm
Demoulding conicity	1°
Integration of threaded inserts	possible
Snap joints	possible
Shrinkage of moulded piece	0.5-0.8%
Density of moulded piece (1)	1050 kg/m^3
Flexural modulus (2)	2000 N/mm^2
Flexural strength (3)	58 N/mm^2, 50 N/mm^2 (*)
Resistance to tensile strengt (4)	50 N/mm^2, 50 N/mm^2 (*)
Elongation at break (4)	14% 12% (*)
Impact strength at 22°C (5)	57 KJ/m^2, 57 KJ/m^2 (*)
Heat strain strength Method B (0.45MPa) (6)	Up to 101°C
	Up to 101°C (*)
Shore D surface hardness	77, 77 (*)
Coefficient of thermal expansion (7)	93 x 10^{-6} °K^{-1}
Flammability according to DIN 4102	B2
Flammability certified by UL (*)	V0: See file QMFZ2.E83364

Notes:
(*) with fire retardants
(1) ISO/R1183/DIN53479
(2) DIN 53457
(3) ISO 178/DIN 53452
(4) ISO/R527/DIN53455
(5) ISO 179/DIN 53453
(6) DIN EN ISO 75-1/75/2
(7) VDE 0304/DIN 53572

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