

Baydur 110 technical data

Recommended wall thickness.....	4-8 mm
Demoulding conicity.....	1°
Integration of threaded inserts.....	possible
Snap joints.....	possible
Shrinkage of moulded piece depending on thickness.....	0.65-1.05%
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