

Technical Data Sheet



Test Performed	Test Procedure	Test Results
Density	ASTM C97	2.4 g/cm ³
Mohs hardness	BS 6431	6-7 Mohs
Impact resistance	TS EN 14617-9	15-30 CM for 1.5 CM Products 35-60 CM for 2 CM Products 80-175 CM for 3 CM Products
Flexural strength	TS EN 14617-2 ASTM C880	40-70 N/M m ² 6301 psi
Abrasion resistance	TS EN 14617-4	140-175 mm
Water absorption	TS EN 14617-1 BS 6431-11	0.01% 0.01%
Flame spread	ASTM E-84	Class A
Chemical resistance	ASTM D2299 BS-6431-18	Only strong and bases may affect
Resistance to freeze and thaw cycling	ASTM C1026	No change
Modulus of rupture	BS 6431-12	52.4 N/mm (m ²)
Thermal shock resistance	ASTM -C484	No visible defects
Weathering	ASTM G23	No visible change after 100 hours

