

MATERIA 610X610X20mm

Characteristics	ISO	Result	
DIMENSIONS AND SURFACE QUALITY	10545-2	Conforms to Standard	
WATER ABSORPTION	10545-3	Average Value (%)	0.1%
MODULUS OF RUPTURE	10545-4	Breaking Strength (N) Modulus of Rupture (N / mm ²)	2000 - 2400 N 35 - 45 N/mm ²
RESISTANCE TO DEEP ABRASION	10545-6	Removed Volume (mm ³)	110-130 mm ³
LINEAR THERMAL EXPANSION	10545-8	Coefficient (10-6 / °C)	<7 x 10-6°C
RESISTANCE TO THERMAL SHOCK	10545-9	Thermal Shock	Resists
CHEMICAL RESISTANCE	10545-13	Ammonium Chloride 100 g/l Sodium Hypochlorite 20 mg/l	UA UA
		Hydrochloric Acid 3 % Citric Acid 100 g/l Potassium Hydroxide 30 g/l	Conforms to Standard
STAIN RESISTANCE	10545-14	Green Agent in Light Oil Iodine Solution in Alcohol Olive Oil	5 5 5
SLIP RESISTANCE	DIN51130		R11

SLIP RESISTANCE

R9	R10	R11	R12	R13
6°-10°	10°-19°	19°-27°	27°-35°	>35°

Note: The classification gives the parameter to determine the sliding resistance. The group R9 is less anti-slip, while the group R13 has the maximum effectiveness.