

TRANAS Original



Polished

Location: Smaland, Sweden

Geo coordinates: WGS84 dec 58.082001 14.900094

Technical properties	Value	Unit	Standard
Compressive strength	Average: 223 Standard deviation: 25 Lower expected value: 171	Mpa	EN 1926
Flexural strength	Average: 11,5 Standard deviation: 0,7 Lower expected value: 10,1	Mpa	EN 12372
Frost resistance incl. flexural strength	Ultrasonic speed change: -3,8 Weight change: 0,03 Flexural strength change after: 11 Flexural strength change : -4,3	% % Mpa %	EN 12371
Abrasion resistance (thickness based)	Average: 5,2	Cm/50 cm	DIN 52108
Abrasion resistance (weight based)	Average: 5211	Mm ³	EN 14157
Water absorption	Average: 0,11	Weight %	EN 13755
Apparent density	Average: 2640	Kg /m ³	EN 1936
Breaking load at dowel holes	Average: 2650	N	EN 13364
Slip resistance, honed surface (dry)	Average: 64	SRV	EN 14231
Slip resistance, honed surface (wet)	Average: 45	SRV	EN 14231
Rupture energy	Average:	J	EN 14158

Petrographic composition:	Standard: EN 12407	Value:
Potassium feldspar		41 %
Plagioclase		20 %
Qvarz		36 %
Chlorite		2 %

Tested by: RISE Research Institutes of Sweden AB