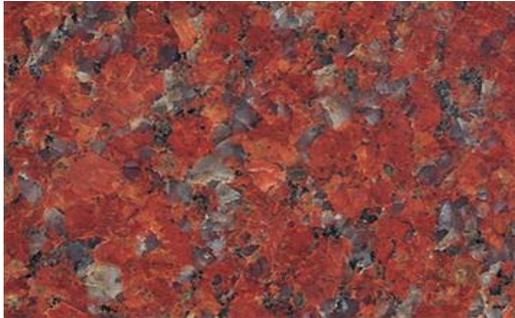


TRANAS Original



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 |
| Abrasion resistance (Böhme) | Average: 5,2 | cm ³ /50 cm ² | DIN 52108 |
| Slip resistance, honed surface (dry) | Average: 64 | SRV | EN 14231 |
| Slip resistance, honed surface (wet) | Average: 45 | SRV | EN 14231 |
| Apparent density | Average: 2640 | kg/m ³ | EN 1936 |
| Open porosity | not tested | % | EN 1936 |
| Water absorption | Average: 0,14 | weight % | EN 13755 |
| Rupture energy | not tested | J | EN 14158 |
| Breaking load at dowel holes | Average: 2650 | N | EN 13364 |

| Petrographic composition | Standard SS-EN 12407:2019 | Value |
|--------------------------|---------------------------|-------|
| Quartz | | 36 % |
| Plagioclase | | 20 % |
| Potassium feldspar | | 41 % |
| Chlorite | | 2 % |



Tested by RISE Research Institutes of Sweden AB (2021)