



Tarmac Building Products Limited, i10, Railway Drive, Wolverhampton, WV1 1LH
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EN 13450

Aggregates for railway ballast

DoP No. 037

Particle shape, size and density

- **Railway ballast size** 31.5/50
- **Grading** G_{CRBA}
- **Content of fine particle** B
- **Fine content** A
- **Particle shape** FL₃₅
- **Particle length** A

Resistance to fragmentation

- **Los Angeles** L_{ARB20}
- **Resistance to impact** SZ_{RBNR}
- **Resistance to wear** M_{DERB7}

Particle density and water absorption

- **Particle density** 2.75 Mg/m³ - **Water absorption** 0.30%

Petrographic description

Dioritic

Durability

- **Magnesium sulfate soundness** MS_{RB3}
- **Water absorption as a screening test for**

<0.5%

freeze-thaw resistance

- **Resistance to freezing and thawing** F_{RB1}
- **Resistance to freezing and thawing in**

F_{ECRB}_{NPD}

the presence of salt (extreme conditions)

- **Electrical conductivity** NPD
- **Sonnenbrand** S_{RBNR}

Dangerous substances

- **Emission of radioactivity** NPD - **Release of heavy metals** NPD
- **Release of polyaromatic carbons** NPD
- **Release of other dangerous substances** 76/769/EEC substance not present