



Patersons Quarries, Gartsherrie Road, Coatbridge ML5 2EU

Dumbuckhill Quarry

17

EN 12620

Aggregates for Concrete

4/10 Graded GC90/15 Code DA10

| | | |
|---|------------------------------|---------------------------|
| Particle Shape: | Category | FL ₃₅ |
| Particle Size: | Designation | 4/10 G _c 90/15 |
| Particle Density: | Declared Value | 2.63Mg/m ₃ |
| Cleanliness: | | |
| Fines Quality | Category | f ₄ |
| Fines quality | | Non Harmful |
| Shell content | Category | SC _{NR} |
| Resistance to fragmentation / crushing | Category | LA ₃₀ |
| Resistance to polishing | Category | NPD |
| Resistance to abrasion | Category | AAV ₁₀ |
| Resistance to wear | Category | M _{DE40} |
| Composition/Content | | |
| Chlorides | Declared Value | <0.01% |
| Acid Soluble Sulfates | Category | AS _{0,8} |
| Total Sulfur | Threshold Value | 1,0% |
| Carbonate Content | Declared Value | <0.1% CO ₂ |
| Constituents that alter the rate of setting of concrete | | NPD |
| Volume Stability | | |
| Drying Shrinkage | Threshold Value | <0.075 |
| Water Absorption | Declared Value | 2.8% |
| Emission of radioactivity | | NPD |
| Release of heavy metals | | NPD |
| Release of polyaromatic carbons | | NPD |
| Release of dangerous substances | | NPD |
| Durability against freeze/thaw | Category | MS ₂₅ |
| Durability against Alkali/ Silica reactivity | Declared value as requested. | |