



M W Johnston & Son

11 Leverogue Road
LISBURN
BT27 5PP


13

EN 12620

Aggregates for concrete
Material Type - Greywacke

G_r85

| | |
|--|------------------------|
| Particle Size | 0/4(CP) |
| Particle Shape | FI NPD |
| Fines Quantity | $f_{1.5}$ |
| Shell Content | NR |
| Particle Density (SSD) | 2.71 Mg/m ³ |
| Water Absorption | 0.7 % |
| Resistance To Fragmentation (Los Angeles Abrasion) | LA ₁₅ |
| Resistance To Polishing (PSV) | PSV ₅₇ |
| Resistance To Abrasion (AAV) | AAV ₁₀ |
| Resistance To Wear (Micro Deval) | M _{DE 25} |
| Drying Shrinkage | 0.03 % |
| MSSV | MS ₁₈ MS |
| Water-Soluble Chlorides | <0.01 % |
| Acid Soluble Sulfate | 0.06 % |
| Total Sulfar | 0.18 % |
| Carbonate Content | NPD |
| Constituents that alter the rate of setting and hardening of hydraulically bound mixtures. | NPD |
| ASR | NPD |
| Release of heavy metals | NPD |
| Release of polyaromatic carbons | NPD |
| Release of other dangerous substances | NPD |

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| Declaration of Conformity | M W Johnston & Son declare that this aggregate complies with the requirements of EN 12620 |
| Authorised By |  (Kelvin Johnston, Partner) |
| Date of Issue | 01.04.13 |

No hazardous substances have been identified in M W Johnston & Son's products other than fine dust - inhaling dust may lead to respiratory problems and respiratory protection should be worn.