

Aggregate Test report

| Particle size distribution Test | | |
|---------------------------------|-----------------------|-----------|
| IS 2386: P-1, Clause 2.0 | | |
| Sieve Size(mm) | Cumulative % Retained | % Passing |
| 25 | 0 | 100 |
| 20 | 14.8 | 85.2 |
| 16 | 62.2 | 37.8 |
| 12.5 | 95.5 | 4.5 |
| 10 | 99.1 | 0.9 |
| 4.75 | 99.8 | 0.2 |

| Item no. | Test name | Test method | Test result | Specification requirement (I.S. 383 -2016) |
|----------|--|------------------------|-------------|---|
| 1 | Aggregate Impact Value (%) | IS 2386 P-4 Clause 4.0 | 8.8 | Max 30 % (for wearing surface) Max 45 % (for other than wearing) |
| 2 | Los Angeles abrasion Value (%) | IS 2386 P-4 Clause 5.3 | 15.4 | Max 30 % (for wearing surface) Max 50 % (for other than wearing) |
| 3 | Aggregate Crushing Value (%) | IS 2386 P-4 Clause 2.0 | 13.9 | Max 30 % (for wearing surface) Max 30 % (for other than wearing) |
| 4 | Combine flakiness & Elongation Index (%) | IS 2386 P-4 Clause 4.0 | 27.2 | Max 40% |
| 5 | Water absorption (%) | IS 2386 P-4 Clause 2.0 | 0.95 | Max 2% (As per MORTH) |
| 6 | Specific Gravity | IS 2386 P-4 Clause 2.0 | 2.86 | - |
| 7 | Bulk Density | IS 2386 P-4 Clause 3.0 | 1485 | - |
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