

# ROCK AGGREGATE TESTING

## ANALYSIS AND FEES

TYPE OF SAMPLE	TEST	FEES (RM)	MINIMUM SAMPLE WEIGHT
Aggregates	Specific Gravity	20.00 per sample	1) For the basic tests: i. 1" -- 10 kg ii. 3/4" -- 8 kg iii. 1/2" -- 6 kg iv. 3/8" -- 20 kg iv. 3/16" -- 1 kg or 2) 50 kg if samples already crushed as (1) above or 3) 100 kg if samples in 4" until 6" sizes
	Water Absorption	25.00 per sample	
	Soundness Value	80.00 per sample	
	Flakiness Index	30.00 per sample	
	Elongation Index	30.00 per sample	
	Angularity Number	30.00 per sample	
	Fractured Face	30.00 per sample	
	Aggregate Impact Value	40.00 per sample	
	Aggregate Crushing Value	50.00 per sample	
	Ten Percent (10%) Fineness	50.00 per sample	
	Los Angeles Abrasion Value	60.00 per sample	
	Clay, Silt and Dust Content	50.00 per sample	
	Crushing to Size	50.00 per sample	
	Mechanical Sieving	28.00 per sample	
	Sieve Analysis	50.00 per sample	
Rock	Hardness Number Test	25.00 per sample	
Concrete Cube	Crushing Strength (Cube/Core provided)	50.00 per set of 3 cubes *	* 1 cube = 150 mm x 150 mm x 150 mm
	Compressive Strength of concrete cube (Cube/Core provided)	19.00 per set of 3 cubes *	

### NOTE:

- (i) All fees are in Ringgit Malaysia.
- (ii) It is required that the location of the sample be stated.
- (iii) Payment are acceptable only in Cash, Money Order or Bank Draft in the name of Ketua Pengarah Jabatan Mineral & Geosains Malaysia.
- (iv) Analysis will proceed after payment has been received.
- (v) Standards used:
  - Malaysian Standard MS30: 1995 (Methods of Testing Aggregates)
  - British Standard BS812 (Testing Aggregates)
  - Grading Limit: JKR Specification, KTM Specification, PLUS Specification
  - American Standard ASTM RRL Report LR: 293 (Soundness Value)
- (vi) Any enquiry should be referred to:
 

Deputy Director (Mines & Quarries Services)  
 Technical Service Division  
 Mineral & Geoscience Department, Malaysia  
 Jalan Sultan Azlan Shah, 31400 IPOH, Perak

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