

TABLE 2

CRUSHED ROCK:

Method	Description	Requirement		
		Class A	Class B	Class B
		Nominal Size		
		20 mm	20 mm	40 mm
5	Coarse Particle Size Distribution			
	% passing 53.0 mm sieve	-	-	100
	% passing 37.5 mm sieve	-	-	95-100
	% passing 26.5 mm sieve	100	100	70-90
	% passing 19.0 mm sieve	95-100	95-100	60-85
	% passing 13.2 mm sieve	75-90	70-90	50-75
	% passing 6.7 mm sieve	55-75	50-75	35-60
	% passing 2.36 mm sieve	35-55	30-55	25-50
	Fine Particle Size Distribution			
	Ratios (for that portion of the material passing 2.36 mm sieve)			
	A - Pass 425 μ m sieve (%)	37-57	35-62	35-62
	B - $\frac{\text{Pass 75 } \mu\text{m sieve}}{\text{Pass 425 } \mu\text{m sieve}}$ (%)	37-57	35-62	35-62
	C - $\frac{\text{Below 13.5 } \mu\text{m}}{\text{Pass 75 } \mu\text{m sieve}}$ (%)	37-57	35-62	35-62
	Liquid Limit (if non-plastic) - Max.	*20	23	23
	Plastic Limit (if plastic) - Max.	20	20	20
** Plasticity Index - Max.	<u>6</u>	12	12	
Maximum Dry Compressive Strength	At least 1.7 MPa	At least 1.0 MPa	At least 1.0 MPa	
Los Angeles Test - % loss - Max.	40	50	50	
Particle Shape by Proportional Caliper - % Misshapen (2:1) - Max.	35	40	40	
6 10% Fines Value $\frac{\text{Dry-Wet}}{\text{Dry}}$ (%) Max.	35	35	35	

- (1) The requirements shown are after any pre-treatment deemed necessary - see Clause (1).
- (2) * The maximum value of the Liquid Limit may be increased to 23 for non-plastic crushed rock, provided that the value determined is not influenced by the presence of adverse constituents.
- (3) ** After being subjected to pre-treatment comprising 5 cycles of compaction (Test Method T102A) or to artificial weathering (Test Method T103), the Plasticity Index shall not exceed 6 for Class A material, or 12 for Class B material, and it shall not increase by more than 3 from that of the sample prior to pre-treatment.
- (4) ** After soaking in water at 65°C for up to 10 days the Plasticity Index shall not exceed 6 for Class A material or 12 for Class B material and it shall not have increased by more than 3 from that of an equivalent portion of the sample tested without the soaking.
- (5) 6 When tested in accordance with Test Method T215, in a saturated but surface dry condition after soaking in water for 24 hours, the 10% Fines Value of that portion of the sample passing the 13.2 mm sieve and retained on the 9.5 mm sieve shall not vary by more than 35% from that of an equivalent portion of the sample tested dry without soaking. Material retained on the 13.2 mm sieve may be crushed to make sufficient 13.2 mm to 9.5 mm sized material for the test.