



TECHNICAL DATA SHEET

Properties	Unit/ Method	# 8/16	# 8/35	# 16/30	# 20/40
		% Retained			
Sieve Analysis	# 8	1	-	-	-
	# 12	46	-	-	-
	# 14	-	55	-	-
	# 16	49	-	-	-
	# 18	-	37	8	-
	# 20	3	-	38	1
	# 25	-	7	36	-
	# 30	-	-	14	59
	# 35	-	-	-	-
	# 40	-	-	3	38
	# 50	-	-	-	1
	Fines	1	1	1	1
Median Diameter	mm	1.710	1.550	0.830	0.641
Bulk Density	g/cm ³	1.41	1.39	1.34	1.30
Crush Resistance Stress psi, % fines generated	5,000	49.4	47.6	45.0	48.3
Hardness of Mohs	-	5 - 6			
Chemical Composition, %	SiO ₂	55.5			
	Al ₂ O ₃	21.9			
	K ₂ O	8.7			
	Na ₂ O	6.9			
	Fe ₂ O ₃	3.8			
	CaO	1.6			
	TiO ₂	0.6			
	Others	1.0			
Mineralogical Analysis	KAISi ₃ O ₈	Microcline			
	AlSi ₂ O ₆	Analcime			
	KAISi ₃ O ₈	Ortoclase			
	NaFe	Aegirine			
	KNa ₃ Al ₄ Si ₄ O ₁₆	Nepheline			
	Na ₄ Si ₃ Al ₃ O ₁₂	Sodalite			
	NaAlSi ₃ O ₈	Albite			
	KAl ₂ Si ₃ AlO ₁₀ (OH) ₂	Muscovite 1M			
-	DOES NOT CONTAIN FREE SILICON				

The MSDS requests should be sent to sds@grupocurimbaba.com.br.

