

Micro Silica or Silica Fume				
Chemical requirements: Reference IS 15388 Reaffirmed 2017 Silica Fume Specification Clause 4 Table 1				
i)	SiO ₂ , percent by mass, <i>Min</i>	85	IS 1727	
ii)	Moisture contents by mass <i>Max</i>	3	Note 1	For Note 1 and 2 refer IS Code
iii)	Loss on Ignition by mass <i>Max</i>	4	IS 1727	
iv)	Alkalis as N ₂ O, percent <i>Max</i>	1.5	Note 2	
Physical Requirements: Reference IS 15388 Reaffirmed 2017 Silica Fume Specification Clause 5 Table 2				
i)	Specific surface <i>m² / gm Min</i>	15	IS 1727	F or Note 1, 2 and 3 refer IS Code
ii)	Oversize percent retained on 45 micro	10	IS 1727	
iii)	Oversize percent retained on 45 micron IS Sieve, variation from average percent, <i>Max</i>	5	IS 1727	
iv)	Compressive strength at 7 days as percent of control sample, <i>Min</i> (see Note 3)	85	IS 1727	