

Product Data Sheet FA100 S type F

FA100 S type F is a fly ash that is primarily used in concrete for improving the following characteristics:

- Better flow ability for ease of application
- Greater durability
- Greater strength
- Increased resistance to sulfate attack
- Increase resistance to alkali-silica reactivity (ASR)
- Reduced permeability
- Reduced bleeding
- Reduced shrinkage
- Reduced heat of hydration
- Reduced shrinkage
- Reduced project costs

Applications: FA100 S type F fly ash can be used in cement, concrete (PCC) and high strength bricks.

Packaging: Bulk tanker, rail tanker, bulk super-sack, other packaging options are available on request.

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Physical and Chemical Characteristics

Analysis	Typical	Limits	
		Min	Max
SiO ₂ +Al ₂ O ₃ +Fe ₂ O ₃ (%)	82	70	96
SiO ₂ (%)	52	45	55
Al ₂ O ₃ (%)	21	15	27
Fe ₂ O ₃ (%)	8	5	14
CaO (%)	9	4	15
MgO (%)	1	.01>**	2.5
Na ₂ O (%)	.5	.01>**	2.5
K ₂ O (%)	2	.50	5
SO ₃ (%)	4	1	5
LOI (%)	2	1	6
Particles retained 45 μ sieve (% by mass)	25	15	34
Moisture Content (%)	0.2	.01>**	3
** Lower limit detection			