

Technical Data Sheet

Fly Ash—Class F

Per ASTM C-618 Specifications

Product Description: Fly Ash is a pozzolanic cement replacement that enhances the performance of concrete by increasing compressive strength, improving workability, durability, long term strength, resistance to freeze-thaw damage and reduces permeability, efflorescence shrinkage, thermal cracking, alkali silica reaction and sulfate attack in concrete. Basically using fly ash makes better concrete that is more economical and better for the environment.

Physical Properties:

pH Value	10
Retained on a 325 Sieve	16%
Specific Gravity	2.3-2.7
Bulk Density (loose)	60 PCF
Bulk Density (Compacted)	75 PCF

Chemical Composition:

Quartz	SiO ₂	59.12
Calcium Oxide	CaO	7.26
Iron Oxide	Fe ₂ O ₃	5.66
Aluminum Oxide	Al ₂ O ₃	20.79
Sulfur Trioxide	SO ₃	0.82
Sodium Oxide	Na ₂ O	1.34
Potassium Oxide	K ₂ O	1.27
Moisture Content		0.09
LOI		2.32

Available Packaging:

Bulk, , Paper Bags. DMI can also provide on-site storage.

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