

Product Model: MS 092

MS 092 is dry silica fume powder, a very fine pozzolanic material. This product comprises microscopic particles collected by filters downstream from the smelting process in silicon or ferrosilicon alloys. In use, MS 092 can increase the density and wear resistance for concrete and other cementitious materials and extends the service life. The median diameter of [Silica Fume](#) is 0.1 ~ 0.15 μm . Its specific surface area is between 15 ~ 27 m^2/g , which gives superpower surface activity.

MS 085 can be used in a variety of cementitious products such as concrete, grouting mortars and other applications like refractory, ceramic etc.

PROPERTIES & SPECIFICATIONS:

Appearance		Grey to medium grey powder
Bulk Density	Undensified	200 ~ 350 kg/m^3
	Densified	550 ~ 700 kg/m^3
Silicon Dioxide Content (SiO_2)		Min 92%
Moisture Content		0.8 ~ 2.0 %
Loss on Ignition (LOI)		1.6 ~ 3.0%
Residue over 45 μm sieve		Max 8.0%
Specific Surface		18 ~ 27 m^2/g
Activity Index		$\geq 105\%$ @7d
		$\geq 95\%$ @28d