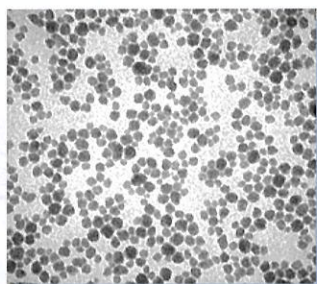
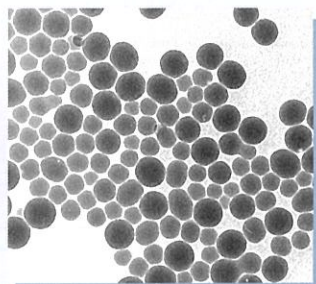


Colloidal Silica dispersed in Organic Solvent

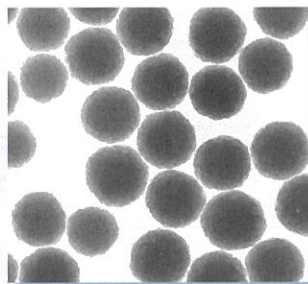
ORGANOSILICASOL



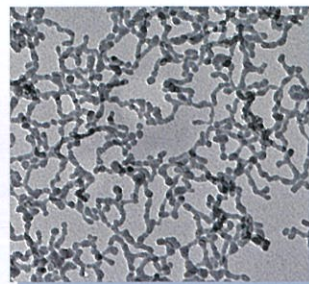
Standard type 100nm



L type 100nm



ZL type 100nm



UP type 100nm

Standard Grades

Grade	MA-ST	MA-ST-M	MA-ST-L	MA-ST-ZL	MA-ST-UP	IPA-ST	IPA-ST-L	IPA-ST-ZL	IPA-ST-UP
Dispersant	Methyl Alcohol					Isopropyl Alcohol			
SiO ₂ (%)	30	40	40	30	20	30	30	30	15
Particle size (nm) [BET]	10 - 15	20 - 25	40 - 50	70 - 100	9 - 15 (chain)	10 - 15	40 - 50	70 - 100	9 - 15 (chain)

Standard Grades

Grade	EG-ST	EG-ST-XL30	NPC-ST-30	PGM-ST	PGM-ST-UP	DMAC-ST	DMAC-ST-ZL	NMP-ST	TOL-ST
Dispersant	Ethylene Glycol		Ethylene Glycol mono n-Propyl Ether	Propylene Glycol mono Methyl Ether		Dimethyl Acetamide		N-methyl pyrrolidone	Toluene
SiO ₂ (%)	20	30	30	30	15	20	20	30	40
Particle size (nm) [BET]	10 - 15	40 - 60	10 - 15	10 - 15	9 - 15 (chain)	10 - 15	70 - 100	10 - 15	10 - 15

Standard Grades

Grade	MEK-ST-40	MEK-ST-L	MEK-ST-ZL	MEK-ST-UP	MIBK-ST	MIBK-ST-L	CHO-ST-M	EAC-ST	PMA-ST
Dispersant	Methyl Ethyl Ketone				Methyl Isobutyl Ketone		Cyclo hexanone	Ethyl Acetate	Propylene Glycol mono Methyl Ether Acetate
SiO ₂ (%)	40	30	30	20	30	30	30	30	30
Particle size (nm) [BET]	10 - 15	40 - 50	70 - 100	9 - 15 (chain)	10 - 15	40 - 50	20 - 25	10 - 15	10 - 15

Surface modified Grades

Grade	MEK-EC-2130Y	MEK-EC-2430Z	MEK-AC-2140Z	MEK-AC-4130Y	MEK-AC-5140Z	PGM-AC-2140Y	PGM-AC-4130Y	MIBK-AC-2140Z	MIBK-SD-L
Dispersant	Methyl Ethyl Ketone		Methyl Ethyl Ketone			Propylene Glycol mono Methyl Ether		Methyl Isobutyl Ketone	
SiO ₂ (%)	30	30	40	30	40	42	30	40	30
Particle size (nm) [BET]	10 - 15	10 - 15	10 - 15	40 - 50	70 - 100	10 - 15	40 - 50	10 - 15	40 - 50
Surface treatment	Hydrophobic type (non-reactive)	Epoxy type (reactive)	Methacrylic type (reactive)						

◆ Please ask new grades such as other dispersant, particle size, shape, and high solid content.

◆ These data are reference data for grade selection at customers. Nothing contained herein shall be construed as conferring any license of our technical information provided herein. Nissan Chemical makes no warranties of any kind whatsoever including non-infringement of a third party's intellectual property right, and shall in no event be responsible for any damages or liabilities arising in connection with the handling and/or use of our products and/or our technical information.



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