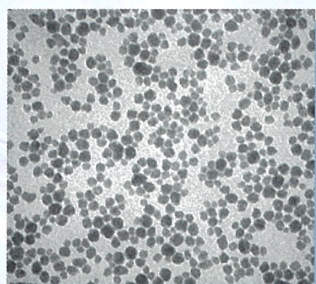
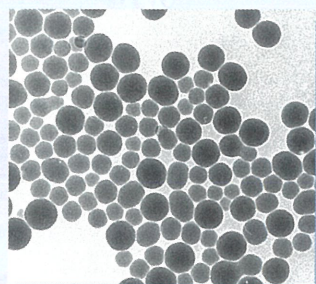


Colloidal Silica dispersed in Organic Solvents

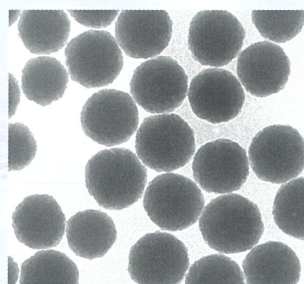
ORGANOSILICASOL



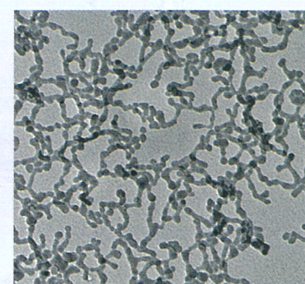
Standard type 100nm



L type 100nm



ZL type 100nm



UP type 100nm

Standard Grades

Grade	MA-ST	MA-ST-M	MA-ST-L	MA-ST-UP	IPA-ST	IPA-ST-L	IPA-ST-ZL	IPA-ST-UP	EG-ST-XL30
Dispersant	Methyl Alcohol				Isopropyl Alcohol				Ethylene Glycol
SiO ₂ (%)	30	40	40	20	30	30	30	15	30
Particle size (nm) [BET]	12	22	45	12 (chain)	12	45	80	12 (chain)	45
Grade	NPC-ST-30	PGM-ST	PGM-ST-ZL	PGM-ST-UP	DMAC-ST	DMAC-ST-ZL	NMP-ST	TOL-ST	CHO-ST-M
Dispersant	Ethylene Glycol mono n-Propyl Ether	Propylene Glycol mono Methyl Ether			Dimethyl Acetamide		N-methyl pyrrolidone	Toluene	Cyclohexanone
SiO ₂ (%)	30	30	30	15	20	20	30	40	30
Particle size (nm) [BET]	12	12	80	12 (chain)	12	80	12	12	22
Grade	MEK-ST-40	MEK-ST-L	MEK-ST-ZL	MEK-ST-UP	MIBK-ST	MIBK-ST-L	EAC-ST	EAC-ST-ZL	PMA-ST
Dispersant	Methyl Ethyl Ketone				Methyl Isobutyl Ketone		Ethyl Acetate		Propylene Glycol mono Methyl Ether Acetate
SiO ₂ (%)	40	30	30	20	30	30	30	30	30
Particle size (nm) [BET]	12	45	80	12 (chain)	12	45	12	80	12

Surface Modified Grades

Grade	MEK-AC-2140Z	MEK-AC-4130Y	MEK-AC-5140Z	MEK-AC-5340Z	MEK-EC-2130Y
Dispersant	Methyl Ethyl Ketone				Methyl Ethyl Ketone
SiO ₂ (%)	40	30	40	40	30
Particle size (nm) [BET]	12	45	80	80	12
Surface treatment	Methacrylic type (reactive)			Acrylic type (reactive)	Hydrophobic type (non-reactive)
Grade	MIBK-AC-2140Z	MIBK-SD-L	PGM-AC-2140Y	PGM-AC-3140Y	PGM-AC-4130Y
Dispersant	Methyl Isobutyl Ketone		Propylene Glycol mono Methyl Ether		
SiO ₂ (%)	40	30	42	40	30
Particle size (nm) [BET]	12	45	12	22	45
Surface treatment	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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