

Technical Data Sheet

Spherical Silica - TRSS1040G

Characteristics

The spherical silica is produced by silica being melted in very high temperature flame.

Spherical silica has low cut point, narrow distribution etc.

Typical Physical Data

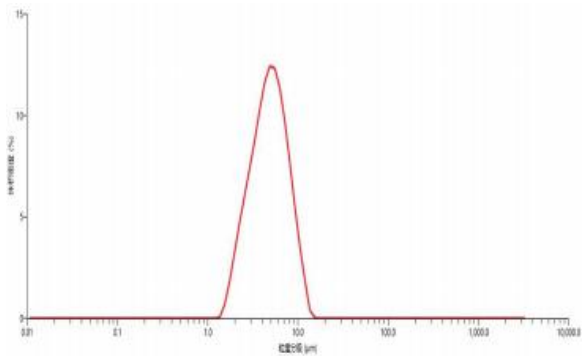
Items	Unit	Typical value	Test Method
Laser method - D50	um	4.5	Laser Analyzer
Laser method - D100	um	12.0	Laser Analyzer
Specific Surface Area	m2/g	2.5	Nitrogen Adsorption Method
Magnetic material	ppm	1.5	Magnetic bar recovery method

Typical Chemical Data

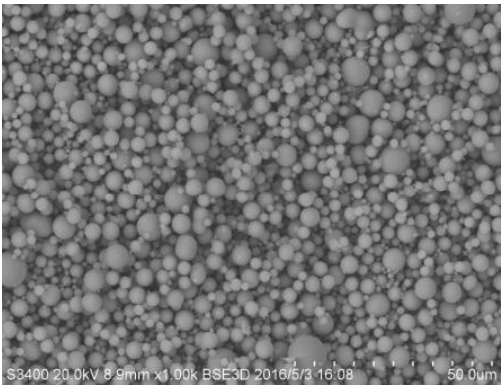
Test Items	Unit	Typical value	Test Method
Chemical Composition - SiO2	%	99.70	Weight Method
Chemical Composition - Fe2O3	ppm	60	Spectrophotometer
Moisture	%	0.05	Weight Method
Whiteness	/	95.1	Whiteness meter
Extraction Water - Ec	uS/cm	2.0	Conductivity Meter
Extraction Water - Na+	ppm	0.90	Atomic Absorption Spectrometer
Extraction Water - Cl-	ppm	1.30	Auto Electric Potential Titrator
Extraction Water - pH	/	5.05	pH Meter

Product Images

Particle Size Distribution



SEM



Application Field

CCLs for server, backplane.