



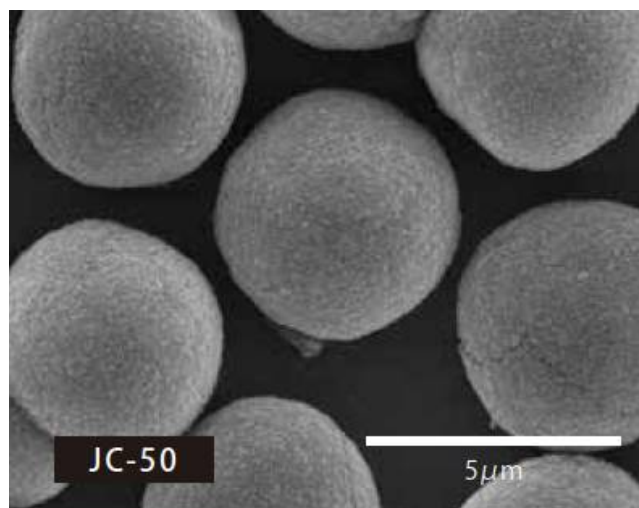
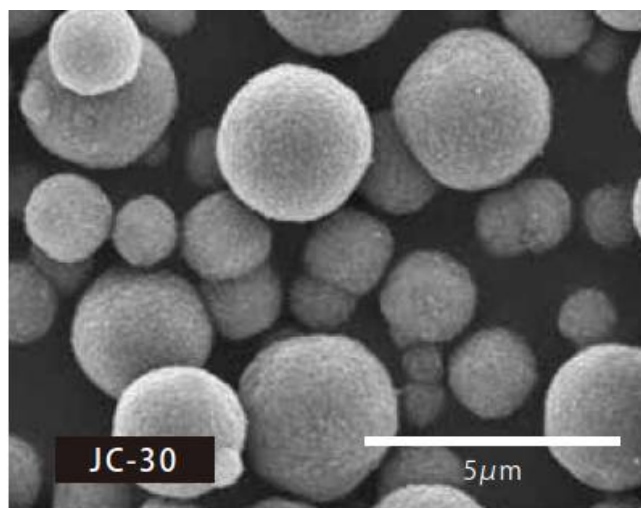
SILTON JC is a spherical fine white powder with controlled particle size. SILTON JC is amorphous Sodium Calcium Aluminosilicate made by chemical modification of synthetic zeolite.

- Controlled particle size • Excellent dispersibility • Low hygroscopicity • Refractive index close to Polyolefin

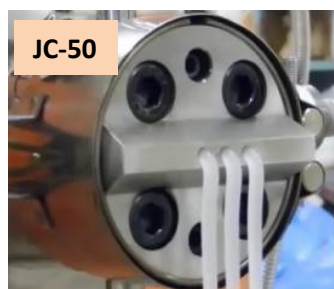
Because of these properties, SILTON is mainly used as an antiblocking agent in polyolefin film. SILTON can be also used as a functional filler for resins, a matting agent for paints, a base for inks and cosmetics, or a polishing agent.

Grades and typical powder properties of SILTON™ JC

	SILTON JC			Measuring Method
	-30	-50	-70	
Ignition Loss(%)	1.2	0.4	0.9	JIS K 0067 4.2(860°C × 20min)
Apparent Specific Gravity(g/cm ³)	0.8	1.1	1.1	JIS K 6220-1
Oil Absorption(mL/100g)	45	30	31	JIS K 5101-13-2
Average Particle Size(μm)	3	5	7	Coulter Counter
Refractive Index(-)	1.50	1.50	1.50	Oil immersion method



SEM Image of SILTON JC



PP Die drool (20,000 ppm MB)
30 minutes later



Comparison of CPP film transparency
by taken photographs taken through CPP film