



Variety of merits by using high-purity silica as material

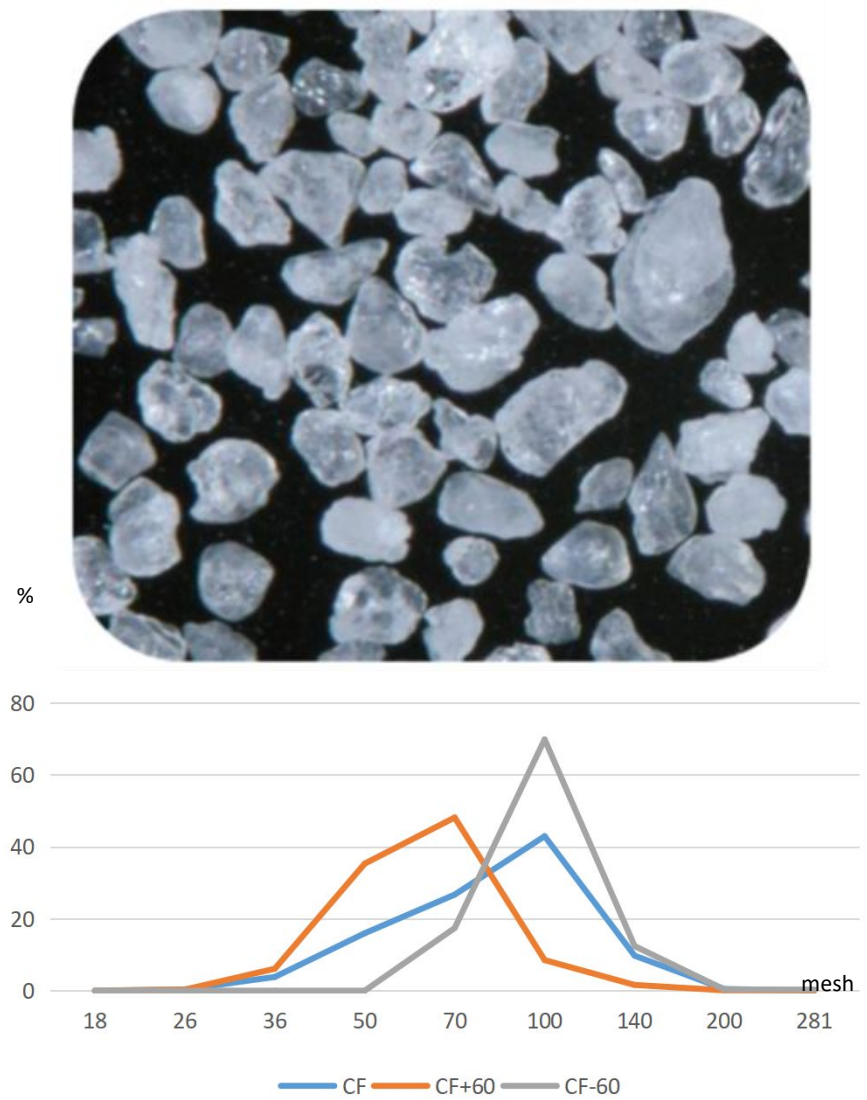
Flattery silica sand (CF)

Feature High silica purity and very low impurities such as iron. In addition, excellent filling properties and sufficient mold strength with a small amount of resin because of stable particle size and shape. Furthermore, contributing to reduction of industrial waste due to excellent crush resistance.

Discharging port. Ofunato, Kashima, Yokohama, Nagoya, Kinuura, Shikama

Place of origin Australia (Queensland)

| 代表分析値 | | % |
|------------------------------|---------------------------------------|-------------|
| Chemical Composition 化学組成 | SiO ₂ | 99.85 |
| | Al ₂ O ₃ | 0.05 |
| | Fe ₂ O ₃ | 0.01 |
| | TiO ₂ | 0.02 |
| | Ig.loss | 0.06 |
| Physical Property 物理的性質 | 見掛比重 Apparent Specific Gravity | 1.5 |
| | 酸消費量 Acid Consumption | 0.5m l /50g |
| | 粘土分 Clay | 0.06 |
| | pH | 6.8 |
| | 粒形係数 Coefficient of grain diameter | 1.2 |



| mesh | 18 | 26 | 36 | 50 | 70 | 100 | 140 | 200 | 281 | GFN |
|-------|-----|-----|-----|------|------|------|------|-----|-----|-------|
| μm | 850 | 600 | 425 | 300 | 212 | 150 | 106 | 75 | 53 | (AFS) |
| CF | 0.0 | 0.4 | 3.8 | 16.0 | 26.7 | 42.9 | 9.7 | 0.5 | 0.1 | 60.8 |
| CF+60 | 0.0 | 0.3 | 6.1 | 35.3 | 48.1 | 8.5 | 1.6 | 0.1 | 0.0 | 47.8 |
| CF-60 | 0.0 | 0.0 | 0.0 | 0.0 | 17.4 | 69.8 | 12.4 | 0.3 | 0.1 | 70.6 |