










PRODUCT LINE UP OF KAKETSU PLANT

Last Updated: January 20, 2014

A silica sand ore mined at our Kaketsu quarry has ideal roundness and hardness. We polish the surface of such ore and adjust the particle size to meet the requirement of various applications. Especially, FUSEN silica sand that is processed through the floatation method exhibits excellent and unprecedented characteristics.

1. Kaketsu Silica

 <p>FNS5 Particle Size Distribution AFS : 33.3 JIS : 51.3 Chemical Composition SiO₂ : 89.89 Al₂O₃ : 5.32 Fe₂O₃ : 1.15 Foundry (Furan process)</p>	 <p>FUSEN5 Particle Size Distribution AFS : 39.5 JIS : 63.1 Chemical Composition SiO₂ : 95.45 Al₂O₃ : 2.33 Fe₂O₃ : 0.73 Foundry (Furan process)</p>	 <p>K5 Particle Size Distribution AFS : 37.1 JIS : 58.5 Chemical Composition SiO₂ : 87.42 Al₂O₃ : 6.28 Fe₂O₃ : 1.46 Foundry, Building material, Sports and Sand blasting</p>
 <p>KC6 Particle Size Distribution AFS : 59.4 JIS : 105.4 Chemical Composition SiO₂ : 89.00 Al₂O₃ : 5.42 Fe₂O₃ : 1.32 Foundry and Building material</p>	 <p>KC7 Particle Size Distribution AFS : 102.2 JIS : 181.7 Chemical Composition SiO₂ : 89.09 Al₂O₃ : 5.51 Fe₂O₃ : 1.26 Foundry(RCS), Building material</p>	 <p>KF5 Particle Size Distribution AFS : 36.7 JIS : 57.7 Chemical Composition SiO₂ : 89.41 Al₂O₃ : 5.43 Fe₂O₃ : 1.20 Foundry (Furan process)</p>
 <p>KF6 Particle Size Distribution AFS : 42.7 JIS : 70.1 Chemical Composition SiO₂ : 89.64 Al₂O₃ : 5.29 Fe₂O₃ : 1.21 Foundry and Building material</p>	 <p>KS4 Particle Size Distribution AFS : 33.2 JIS : 51.1 Chemical Composition SiO₂ : 86.49 Al₂O₃ : 6.75 Fe₂O₃ : 1.39 Building material and Sports</p>	 <p>KC-ST Particle Size Distribution AFS : 57.0 JIS : 97.3 Chemical Composition SiO₂ : 88.81 Al₂O₃ : 5.58 Fe₂O₃ : 1.33 Premix mortar</p>

Kaketsu plant also manufactures various kinds of resin coated sand for diversified fields and usages. Such RCS are manufactured from both varieties of fine virgin sand and reconditioned (recycled) sand which was returned from customers. All returned sand is originally mined from Kaketsu quarry. About sixty (60) varieties among hundred (100) are characterized as low thermal expansion RCS.