

A Simple Way to Test the Green Strength of Sand

Idea from chrisc@smt-net.com of *Gingery_Machines* Yahoo group

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How do you know your sand is OK?

Sand drops out of flasks for many reasons. One reason is weak green strength of the sand. Here is an elegant way to test your sand:



1. Fill a tapered-side cup with sand being careful not to tamp it down.



2. strike it off

3. Holding the cup by the top edge, tap the bottom of the cup squarely on a hard surface until the contents stop settling. I found that 15 sharp raps did the trick.



4. Turn the cup over close to a flat surface and let the contents plop out. If the shape holds, the sand is good. If you end up with a crumbled pile of sand, it is not strong enough for casting.