

CASTMATE™

Ceramic Processing Additive

Typical Additive Levels for Whiteware Slips

(All based on total dry weight percentages)

0.03 - 0.05%

- ✓ Improve draining characteristics
- ✓ Improve uniformity of cast - moisture gradient
- ✓ Improve drying characteristics

0.07 - 0.20%

- ✓ Improve draining characteristics
- ✓ Improve uniformity of cast - moisture gradient
- ✓ Improve drying characteristics
- ✓ Increase firmness (apparent) of cast
- ✓ Increase casting rate (reduce casting time)

0.20 - 0.27%

- ✓ Improve draining characteristics
- ✓ Improve uniformity of cast - moisture gradient
- ✓ Improve drying characteristics
- ✓ Increase firmness (apparent) of cast
- ✓ Increase casting rate (reduce casting time)
- ✓ Allow formula changes to be made to enhance both casting and MOR