



Filled blends make up a good majority of the pattern waxes in use in today's investment casting industry. Typically, fillers are finely divided organic materials that are suspended in a wax based matrix.

As such, the particle size distribution (PSD) of a filler has a major impact on wax performance characteristics, including surface finish, apparent viscosity and de-waxability.

The Argüeso lab team uses a modern, laser based particle size analyzer to characterize the PSDs of the various fillers we use in our pattern wax blends. This chart shows PSD data from a sample of filler extracted from a commercial grade blend.