

Freemelt's technology breaks myths in E-PBF

E-PBF myths

Coarse powder
required

Powder must
be spherical

The surface
quality of parts
is low

Columnar
microstructure

Several hours of
cooling

Freemelt solution

Freemelt's patented ProHeat®
technology enables the use of
finer powder than 'standard'

Non-gravity powder feeding
allows the use of non-spherical
powder

High surface quality is achieved
by the use of fine powder

Freemelt's unique melting
strategies enable the production
of non-columnar microstructures

e-MELT®'s active cooling
mechanism reduces post-build
cooling time to less than an hour