



Freemelt's technology breaks myths in E-PBF

Myth

Coarse powder required

Powder must be spherical

Surface quality of parts is low

Columnar microstructure

Several hours of cooling

Freemelt's 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 achieved by optimizing melt strategies, powder selection, and layer thickness

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

e-MELT®'s active cooling reduces post build cooling to less than one hour