



Freemelt's technology breaks myths in E-PBF

Myth

Freemelt's solution

Coarse powder required

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

Powder must be spherical

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

Surface quality of parts is low

High surface quality achieved by optimizing melt strategies, powder selection, and layer thickness

Columnar microstructure

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

Several hours of cooling

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