

## Magnetic Freeze Casting









Bone implants, lightweight armor, separation filters, insulators, catalyst supports, fuel cells, piezoelectric devices, and structural materials for automotive and aerospace...



# **BIOINSPIRED DESIGN**

## "Nature is the ultimate experimental scientist, having billions of years of evolution to design, test, and adapt a multitude of complex materials and organisms"

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## **Seahorse Inspired Robotics**

Military – flexible armor, surveillance/inspection, armored gripping devices for bomb disposal...

