

2YSZ from Innovnano:

Combines the desired mechanical performance of the current industry-standard powder of choice (3YSZ) with exceptional fracture toughness

EXPECT MORE from your structural ceramics

THE MICROSECOND EDS REACTION



Emulsion Detonation Synthesis (EDS)

EDS

Synthesised using Innovnano's unique technology to ensure the highest quality and consistency, and enhanced physical, chemical and mechanical properties

85%

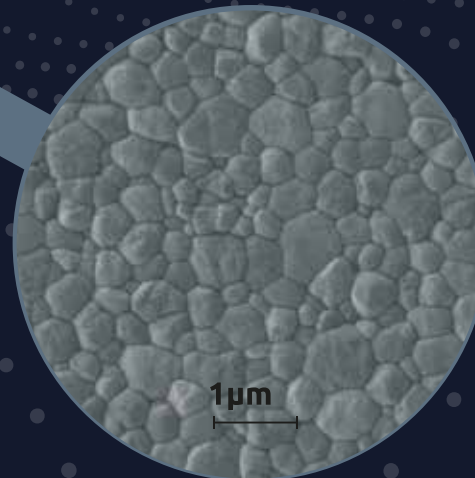
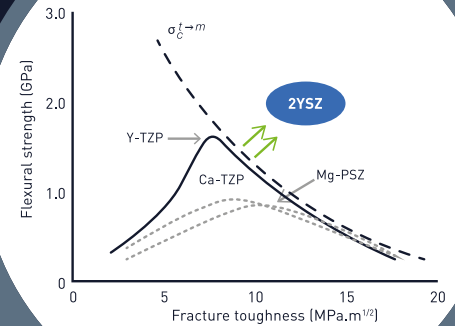
Maintains **85%** of its flexural strength after hydrothermal ageing testing

14 MPa.m^{0.5}

Outstanding fracture toughness

<13%

Only a **13%** loss in flexural strength during standard cyclic fatigue testing



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