



SpaceX's Starship SN3 prototype cryogenic test fail

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REPORT

SPACEX'S STARSHIP SN3 PROTOTYPE CRYOGENIC TEST FAIL

In a videos available publically the unique diamond mode collapse due to compression forces can be seen. Unprecedented to find examples of the phenomena this large. It only happens when the ratio of thickness to radius is in the perfect range. That means, materials and their qualities were at the highest rate.

Most likely this issue occurred because of test configuration error, rather than a design, materials or build mistake. Not enough pressure in the LOX tank ullage to maintain stability with a heavy load in the CH4 tank led to this accident.