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(57) Abstract :

The invention relates to a geodesic radome comprising shaped panels containing a consolidated plurality of plies the plies comprising polyolefin tapes wherein the shaped panels have a compressive strength of between 10 MPa and 100 MPa an interlaminar shear strength of between 3 MPa and 75 MPa and a thermal expansion of between 1×10^{-6} 1/K and 50×10^{-6} 1/K.

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