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Fracture probability modelling of impact-loaded iron ore pellets

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- 2 • Impact fracture behaviour of iron ore pellets at different strain rates is studied.
- 3 • Dynamic testing and numerical modelling are used.
- 4 • The dynamic fracture stress is about 30% higher than quasi static measurements.
- 5 • A strain rate dependent fracture model for iron ore pellets is developed.
- 6 • The model and the experiment show similar results.

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