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Mechanical strength of wet particle agglomerates

Thanh-Trung Vo, Patrick Mutabaruka, Saeid Nezamabadi,
Jean-Yves Delenne, Edouard Izard, Roland Pellenq, Farhang Radjai

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Highlights

- Agglomerates of wet particles undergo plastic deformation before breaking.
- The plastic strength is proportional to the characteristic capillary stress.
- The effect of particle size span is mainly included in the characteristic stress.
- The amount of liquid affects the strength through the wet coordination number.

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