

aquarius™ genesis

film coating systems

description

Aquarius™ Genesis film coating systems are designed for application at up to 35% solids, which can significantly increase productivity of continuous or traditional batch-based coating equipment. Aquarius™ Genesis film coating systems are formulated to provide a strong film with high adhesion and smooth appearance.

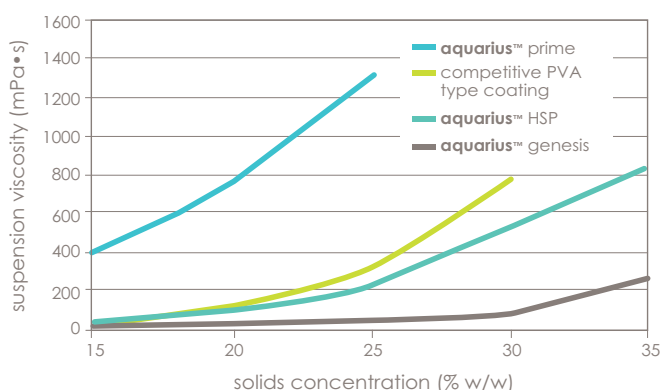
key features and benefits

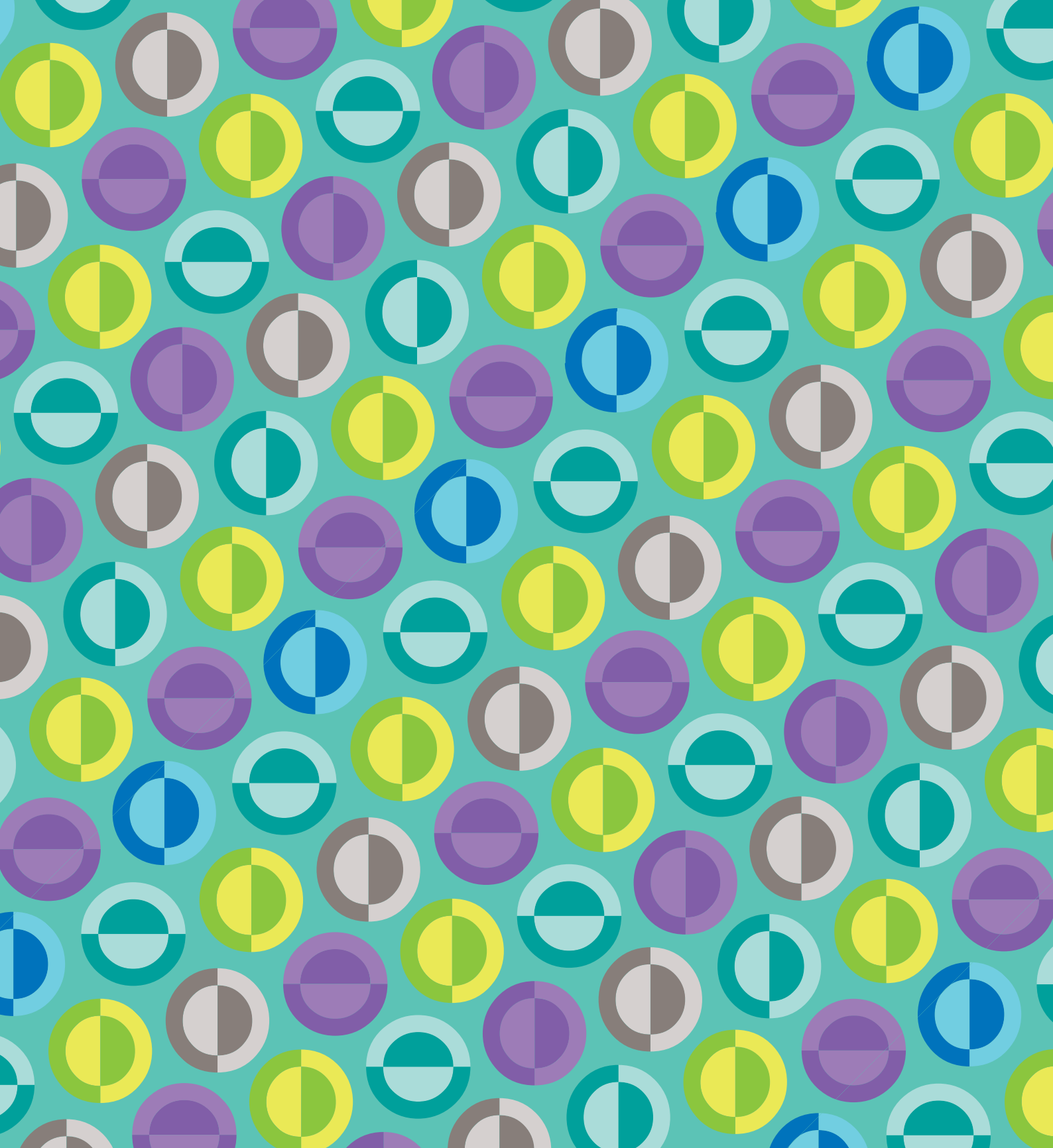
Aquarius™ Genesis film coating systems are applied to immediate-release dosage forms and provide the following benefits:

- **higher solids:** film coating applied at up to 35% solids with typical viscosities in the 100-300 mPa·s range.
- **faster processing times:** up to 65% reduction in coating processing time, increased manufacturing capacity in existing equipment, lower capital investment of new coating lines, and lower energy cost.
- **lower processing temperatures:** provides protection to heat-sensitive APIs or to tablet formulations with dissolution characteristics negatively affected by normal (higher) aqueous coating process temperatures.
- **improved coverage:** enables lower weight loadings that can result in reduced raw material cost.
- **non-tacky coating system:** prevents surface-to-surface interactions known to be problematic during product packaging.



figure 1: Even at high solids levels up to 35% w/w, the viscosity of the formulation remains low, allowing faster spray rates to help achieve higher coating efficiency.





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