

benecel™ XR and XRF HPMC controlled release matrix formers

enhanced controlled release technology for improved strength and flowability

description

Benecel™ XR and XRF are HPMC products with optimized polymer structure and particle morphology that enable the formulation of safe, effective, and robust oral solid controlled-release dose forms.

key features and benefits

- **optimized polymer structure and particle morphology:** provides better powder flowability and improved tablet strength
- **better compactibility at high tableting speed:** produces robust tablets under high-throughput during large-scale tableting operations
- **consistent particle size distribution and bulk density:** provides better powder flowability, better content uniformity, and lower tablet weight variability
- **finer particle size grades (XRF):** are designed for even higher tablet strength and improved controlled-release profile
- **available at four viscosity levels:** K4M, K15M, K100M, and K200M providing a wide range of dissolution profiles

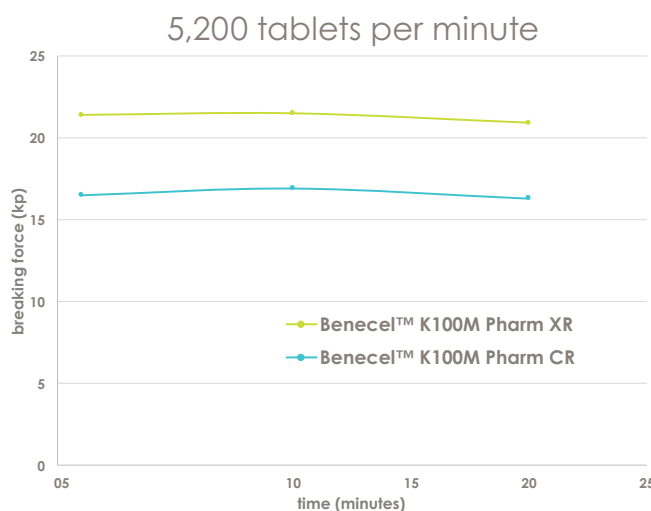
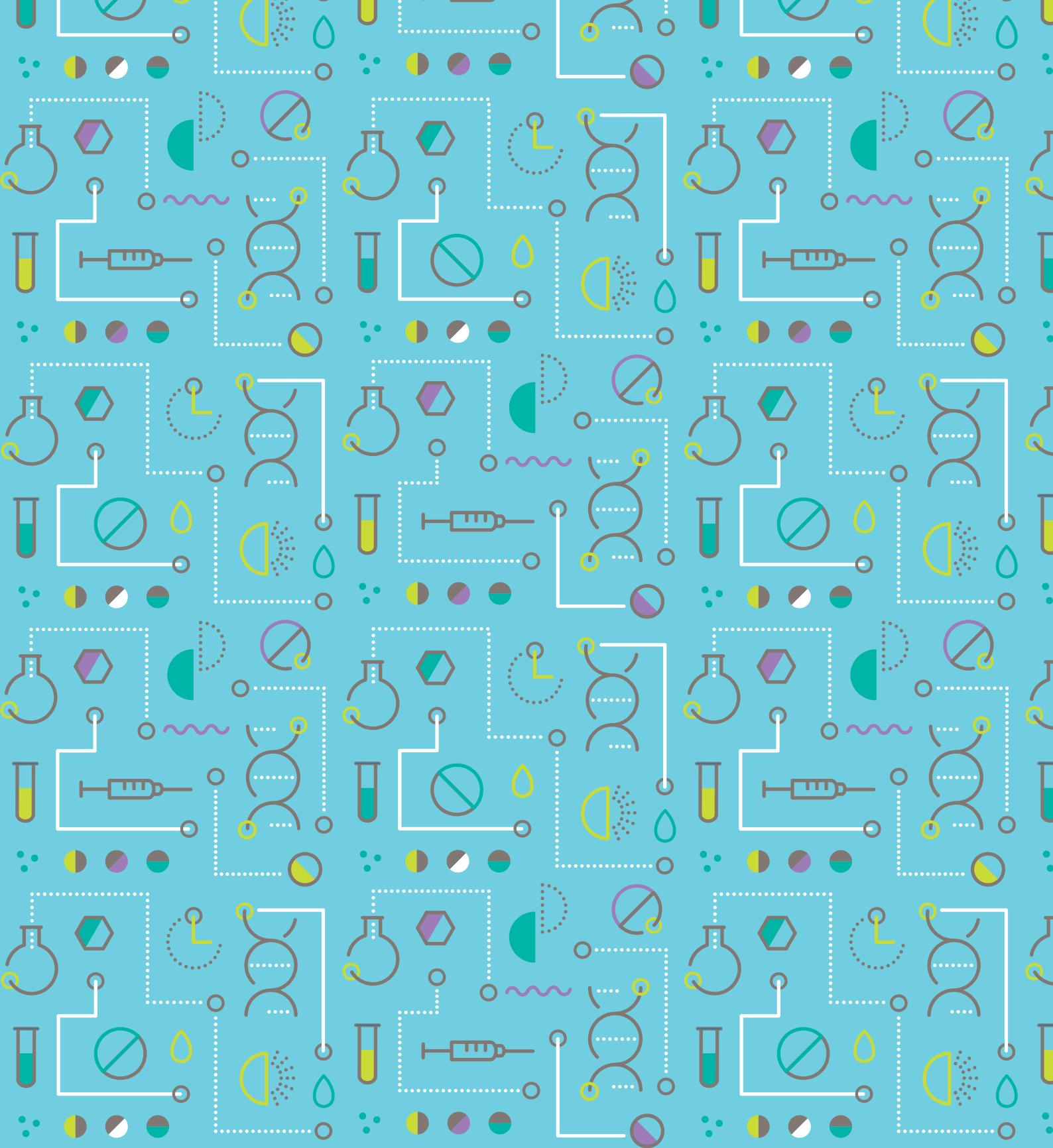


Figure 1. Consistent and improved tablet breaking force is obtained with Benecel™ K100M XR at high tableting speed (5200 tablets per minute)



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