

# HIGH PERFORMANCE

## BARLOK™ COMMUTATORS (GLASS RING REINFORCED)



Barlok™ molded commutators expand the performance characteristics of mica molded commutator to the tough performance and service life requirements usually associated with steel and mica commutators.

- Custom designed fiberglass rings ensure maximum bar stability
- Unique design achieves maximum strength at high motor speeds
- Fiberglass rings and commutator bar design are custom engineered using a proprietary computer stress analysis CAD system
  - This ensures design will match thermal, centrifugal and electrical requirements dictated by operating conditions
- This also ensures maximum commutator burst speeds from 20 to 50 percent or more over maximum operating conditions
- Utilize high strength, thermoset phenolic compounds, specially designed for Barlok™ style commutators
  - Each compound grade is selected to meet demanding mechanical and thermal requirements for high performance molded commutator applications
- Available for molded commutators up to 9" in diameter, with flush or subflush mica



**KIRKWOOD**

[www.kirkwood-ind.com](http://www.kirkwood-ind.com)

*Keeping the World in Motion*