QUALITY PERFORMS.

Innovative process for the manufacture of cast nylon 6
Addonyl® Cast Ready CR

QUALITY WORKS.

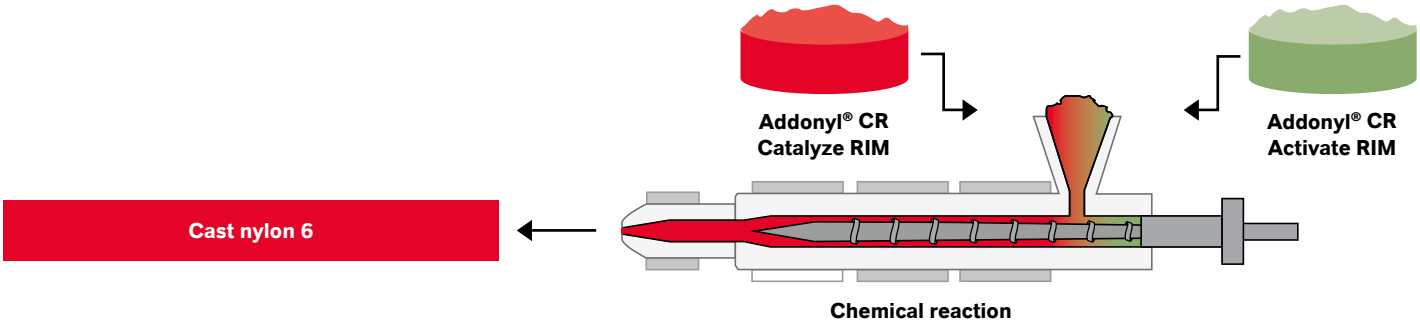
LANXESS
Energizing Chemistry

ADVANTAGES AND APPLICATIONS

- Ready-to-use dispersion of catalyst and activator for the anionic polymerization of ε-Caprolactam
- Easy handling
  - At 120 °C viscosity of only 4 mPas – enables excellent soaking of fibers
  - No separate dosing of catalyst and activator necessary
  - Useable with different machine technologies – RIM or T-RTM
- Short cycle life feasible – highly cost-effective usage
- Possible applications include:
  - Automotive industry
  - Mechanical engineering
  - Off-shore applications

Possible machine technology RIM

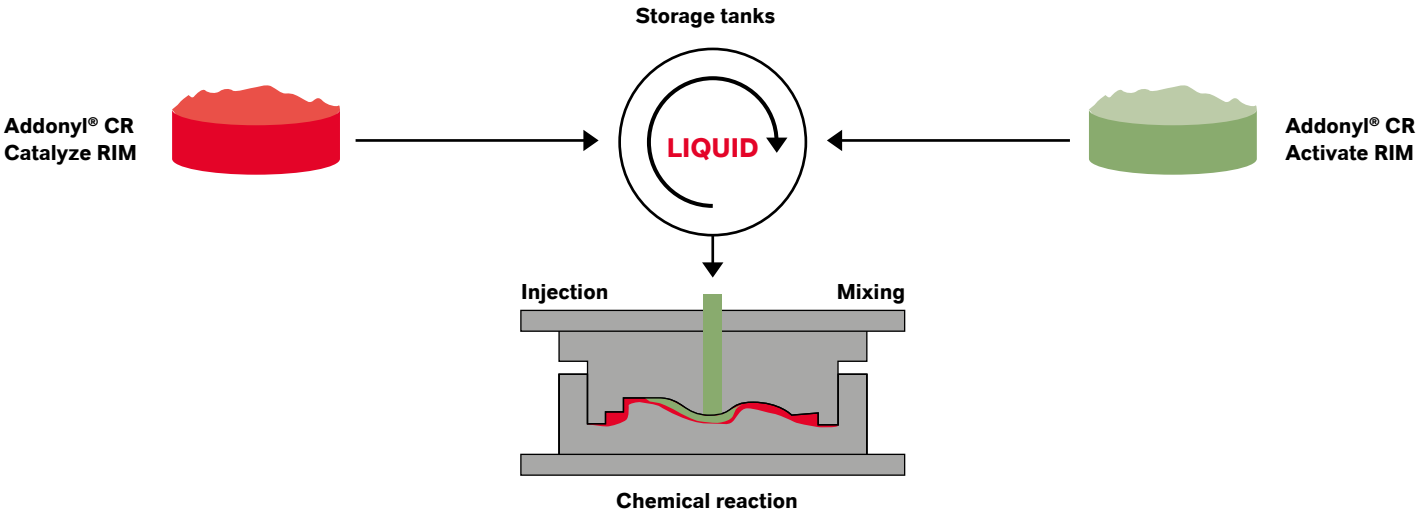
Reaction Injection Molding (RIM) for small parts



- Ideally suited for direct processing on two-component (2K) injection molding extruders
- Can be used with existing, only slightly adapted machines

Possible machine technology T-RTM

Thermoplastic Resin Transfer Molding for large parts



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