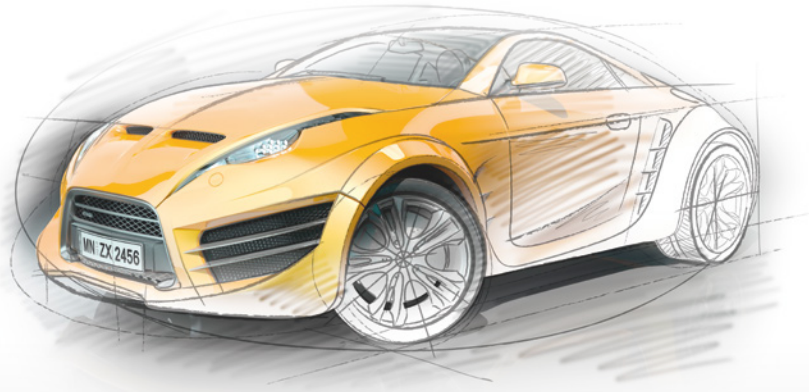


# QUALITY PERFORMS.



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

**QUALITY WORKS.**

**LANXESS**  
Energizing Chemistry

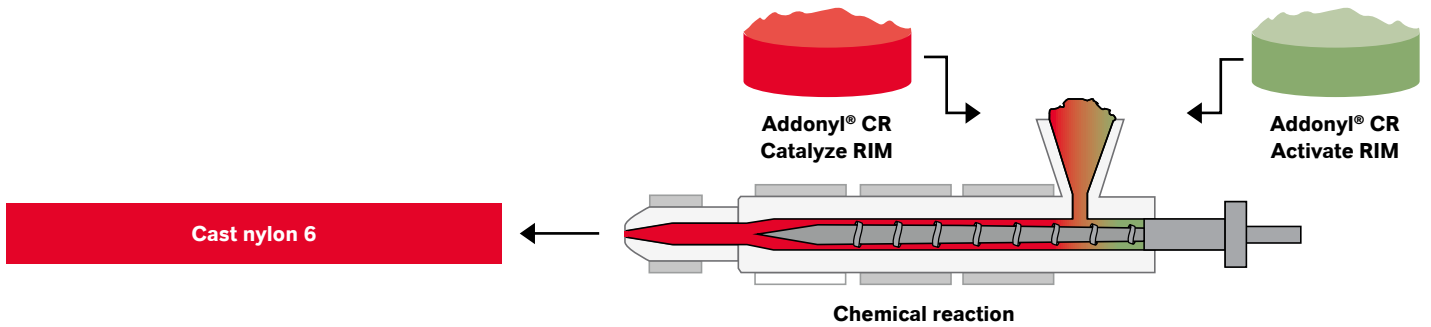
## ADVANTAGES AND APPLICATIONS

- Ready-to-use dispersion of catalyst and activator for the anionic polymerization of  $\epsilon$ -Caprolactam
- Easy handling
  - At 120°C viscosity of only 4mPas – 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

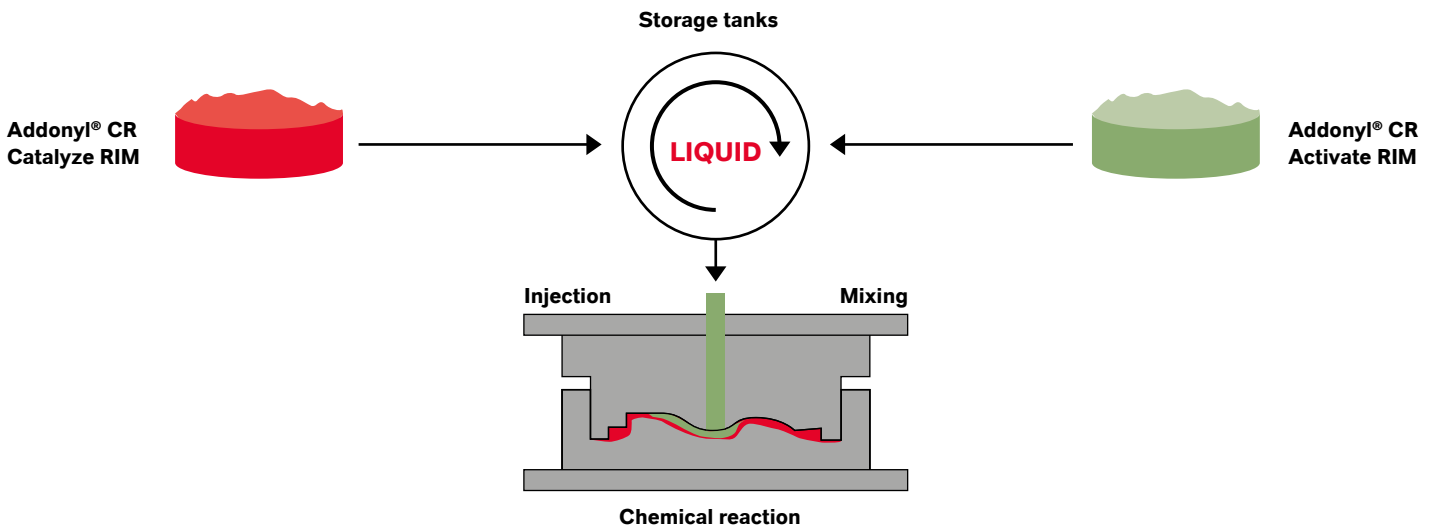
### Reaction Injection Molding (RIM) for small parts



- 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



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

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