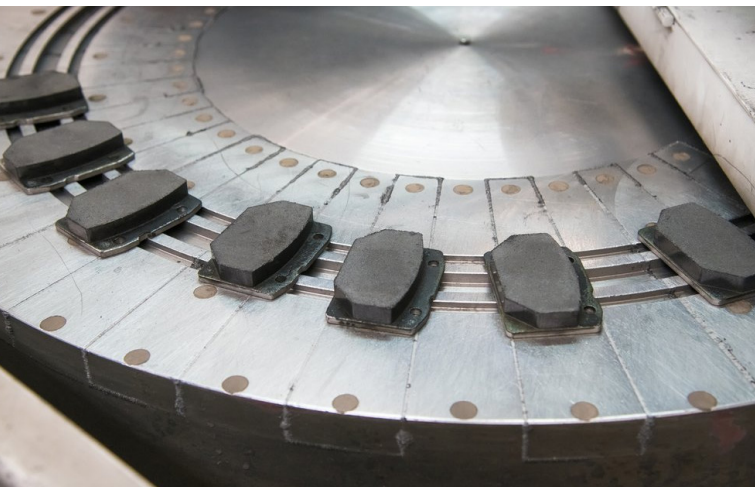


FAST CURE REZIANCE F-7002LC

Fast curing phenolic resin for brake pad manufacturing

SUCCESS STORY



STARTING POINT & CHALLENGE

Friction's customers had a need for a phenolic resin that could replace the standard grade to achieve improvements like this:

- Decrease of the total process time especially in the hot-pressing time of the brake pad
- Environmentally-friendly product with low free monomers

SOLUTION

The ASK Chemicals team started a development project with selected key customers to meet those requirements.

RESULTS

A new product was successfully developed and approved by the target customers with the recognized benefits:

- Significant improvement in the hot-press processing time.
- A resin with low free phenol content (< 1%) that provides a better workplace condition.

TECHNICAL PROFILE REZIANCE F-7002LC

Reziance F-7002LC is a phenolic resin in a powder form which features a fast cure compared to standard resin.

BENEFITS AT A GLANCE

Technological

- Improvement in the productivity (Hot Plate Cure specification between 10 - 17 seconds compared to 30 - 45 seconds of a conventional phenolic resin).

Workplace

- Reduced emissions of free monomers during the process

Safety

- Low free monomers
- Not regulated as dangerous goods in transportation

 **Reziance**
Engineered resin solutions