



Phenolic Resins for Industrial Coatings



Excellent **performance**,
first-class **application**,
and **highest quality**.
Tailor-made for you.



As a **specialist** in tailored phenolic **resins**, ASK Chemicals offers a wide range of solutions for this area. In addition to excellent performance, highly efficient binding agents from ASK Chemicals also feature top-class application properties. Phenolic resins from ASK Chemicals are well-known as ASKOFEN™ resins. In cooperation with Georgia-Pacific Chemicals ASK Chemicals is toll-manufacturing some selected GP® PHENOLIC RESINS.*

Your benefits at a glance:

- Good product quality thanks to high-performance resin systems
- Upgrading the performance of your industrial coatings, air-drying varnishes, and specialty coatings
- Top-class customer service
- Tailor-made modifications and refinement

* GP® PHENOLIC RESINS is a registered trademark of Georgia-Pacific LLC.

GP® PHENOLIC RESINS

Baking enamels – sole binder

Pure heat-reactive phenolic resins can be used as the sole polymer in the formulation of interior drum and pail linings. The resins provide the highest level of chemical resistance and produce hard, brittle films with good adhesion on metal. Because they lack in flexibility, they are used on rigid metal substrates that do not require impact resistance. Coatings can be modified with, e.g., polyvinyl butyral to enable them to withstand shocks or rough handling and yet maintain their chemical resistance. Optimal baking conditions are in the range of 15 min. at 210°C.

Benefits

- Highest chemical resistance
- Good adhesion
- Conforms to US FDA, 21 CFR § 175.300 and EU 10/2011, Annex 1

Application areas:

Metal primer, interior drum and pail linings, rail and tank car linings, pipe coatings

Product	Solids (%)	Viscosity (mPa.s)	Further characteristics
GP BKS 2600	52–56 in ethanol	700–1,100	Gardner color: max. 7
GP BKS 2610	49–52 in butanol	700–1,500	Gardner color: max. 7
GP BKS 2610 LF	49–56 in butanol	700–1,500	Gardner color: max. 7

ASKOFEN™

Can Coatings

High molecular butylated phenolic resins are used as crosslinkers for epoxy and polyester systems. ASKOFEN™ R 9500 offers good compatibility with different resin systems. According to the formulation, the produced can coatings provide high elasticity and excellent chemical resistance.

Benefits

- Good compatibility
- Good chemical resistance
- Confirms to US FDA, 21 CFR § 175.300 and EU 10/2011, Annex 1

Application areas:

Can Coatings

Product	Solids (%)	Viscosity (mPa.s)	Further characteristics
ASKOFEN™ R 9500	40–42 in butanol	50–90	Gardner color: max. 6
ASKOFEN™ R 9600	46–50 in butanol	50–90	Free formaldehyd content < 0.1 %

ASK Chemicals GmbH

Reisholzstraße 16–18

40721 Hilden, Germany

Phone: +49 211 71 103-0

Fax: +49 211 71 103-35

specialties@ask-chemicals.com

www.specialties.ask-chemicals.com

Technical data sheets and guide formulations are provided on our website specialties.ask-chemicals.com.

This information is based on our current state of knowledge and does not represent assurance of the properties of the products described. We are only liable for product-related advice and information within the scope of duties of disclosure included in collateral contractual agreements unless expressly agreed otherwise. (02 / 19)

