

# Technic KR140

Manufacturer: Techno Waxchem PVT., LTD.  
 Classification: p-t butyl phenol Aldehyde Resin  
 CA Nomenclature: 4-(1,1-dimethylethyl)phenol polymer with Ethanal Para  
 Tertiary Butyl Phenol Aldehyde Resin (Phenolic Resin)

Specification Properties	Value	Test Method
Ash Content, % at 750°C	1 maximum	ASTM D 4574
Free PTBP, Wt, %	3 maximum	TWC-QA-10
Heat Loss, % at 105°C	0.5 maximum	ASTM D 4571
Insoluble in Cyclohexane, %	1 maximum	ASDM D 4934
Moisture Content, %	0.7 maximum	ASTM D 5460
pH, 50% Alcohol Solution	4-7	ASTM E 70
Softening Point, °C	135-150	ASTM D 6090
Zinc Content, %	0.45-0.60	ASDM D 4934
Typical Properties	Value	Test Method
Physical Form	Yellow brown lump pastille	Visual
Specific Gravity at 25°C	1.0-1.06	Typical

## > APPLICATIONS

**Uses:** Technic KR140 resin structure is similar to Koresin®. Therefore, this resin could be used as a high performance tackifier resin for the production of bias and radial tires, conveyer belts, V-belts, industrial hoses, cables and roll coverings.

## > PACKAGING AND STORAGE

**Packaging:** 25 kg (55.1 lb.) bags.

**Shelf Life:** 2 years from date of manufacture if stored as indicated below.

**Storage:** Store in unopened original packages in a cool dry place.

Specification Date: June 1, 2017 (supersedes January 1, 2017)