

TECHNIC KR140

TECHNICAL DATA SHEET

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002/01

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Product

TECHNIC KR140

Classification

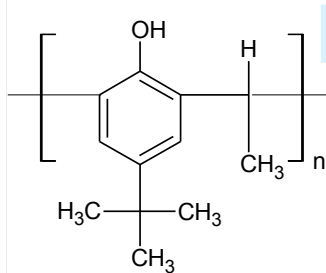
Super Tackifier Resin
Superior Tackifier Resin
p-t-butyl phenol Aldehyde Resin

Composition

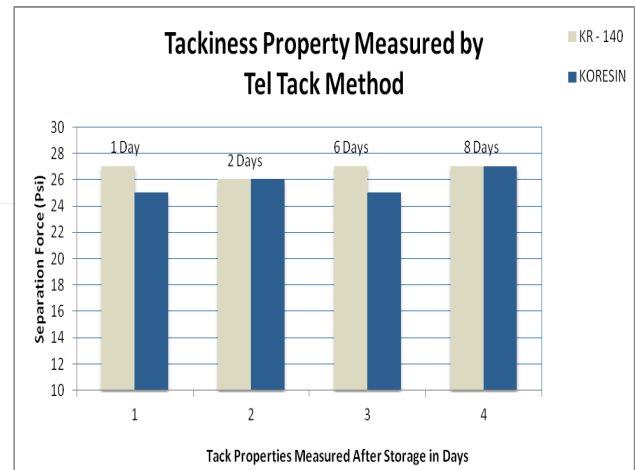
p-t-butyl phenol Aldehyde Resin
4-(1,1-dimethylethyl)phenol polymer with Ethanal
Para Tertiary Butyl Phenol Aldehyde Resin (Phenolic Resin)

Technic KR-140 is a high performance tackifier resin, which is also categorized as “super tackifoer resin’

Chemical Structure of Technic KR140 Resin



Tel Tack Properties of Technic KR-140 Resin versus Equivalent in Tire Sidewall Compound



Applications

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.

Packing

25 kgs HDPE laminated paper bags

Chemical Properties

Property	Technic KR140
Appearance	Yellow - Brown Lump / Pastille
Specific Gravity at 25 °C	1.0 - 1.06
Ash content (750°C/2 Hr.)	1.00%
Softening Point	135 - 150 °C
Moisture Content	0.7% max
Heat loss (105° C/1 Hr.)	0.5 % max
Free PTBP (Wt. %, HPLC)	< 3.0
pH (50% Alcohol Solution)	4.0 - 7.0
Zinc Content	0.45 - 0.60
Insoluble in Cyclohexane	1.00%

Storage & Shelf Life

This material can be stable for 2 years under the normal storage conditions. However, precautions must be taken to avoid exposure to sunlight and always, store this material in a sealed container under the dry and cool conditions.

Refer MSDS for more details

Note:

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