

## PHENOLIC RESIN 2402

Other name : Para Tertiary Butylphenol Formaldehyde Resin

CAS No. 25085-50-1

### Description:

Phenolic Resin 2402 is polymerization of oleoresin. Tertiary butyl phenol and methanal polycondensation under the action of alkaline medium, to get oily pure phenolic resin. Soluble in butyl, acetate, xylene, vegetable oil

### Specification:

Test Item	(Rubber, Adhesive grade)
Appearance	Pale (dark) yellow
Softening Point(Ring & Ball)°C	90-120oC
Oil solubility (1:2 Tung oil) 240°C	Completely soluble
Hydroxymethylate content	8-12%
Moisture content	≤1%
Free phenol	≤1%

### Application:

1. Phenol-formaldehyde resin 2402 is a curing agent for rubber such as butyl rubber, natural rubber, styrene-butadiene rubber (SBR), silico-butadiene rubber, especially applicable to sulfurizing butyl rubber.
2. It can be used to produce chloroprene rubber adhesive, with good compatibility with chloroprene adhesive. It is especially applicable to the adhesive for shoes.
3. In coating industry, it can be used to produce end coating for external use, lacquer for floor, marine coating, antirust paint, water based printing ink, and can be used as material of thin film anti-rust oil products.
4. It can be used both as sulfidizer, intensifier and tackifier when producing terylene adhesive tape, oil pipe anti-corrosive adhesive and adhesive tape, etc, to improve the properties and extent the service period of products. The effect will be even better if using 2402 resin together with terpene resin.