

CHARACTERISTICS

Non self-crosslinking, modified novolac

FORM SUPPLIED

Pastilles

USES

Cord adhesion promoter for rubber

PRODUCT DATA

The data are determined by our quality control for each batch (lot) before release.

Determined per batch:

Colour / Appearance

colour yellow-brown

HPLC PM 279

content [%] <=0.5
(phenol)

Softening Point

Mettler Index [°C] 95 - 115
ASTM D 6090
(85°C; 2.5°C/min; 19 mm; 50%)

SOLUBILITY

ALNOVOL PN 760 is readily soluble in commonly used alcohols, ketones and ethers. It is insoluble in aliphatic and aromatic hydrocarbons.

PROPERTIES AND USES

ALNOVOL PN 760 is a non self-crosslinking modified phenol novolac. The resin is used in rubber compounds as adhesion promoter for steel and textile cord.

ALNOVOL PN 760 is incorporated into the mix in the first stage of compounding. Due to the low content of free phenol processing does not generate any vapours and it is not accompanied by odorous annoyance.

ALNOVOL PN 760 shows the following advantages:

- no scorch issues, reduced reversion
- improved aging properties
- improved cord coverage
- no fuming
- faster mixing
- lower costs
- improved compound storage stability

ALNOVOL PN 760 is free of resorcinol.

DOSAGE

ALNOVOL PN 760 should be added depending on the application field and the used reinforcing material on a level of 1.5 to 5 phr.

For curing highly etherfied melamine resins (HMMM) such as CYREZ® 963 and CYREZ CRA-200 are recommended. For curing a resin to hardener ratio of approx. 1 : 1 is recommended.

STORAGE

At temperatures up to 35°C storage stability packed in original containers amounts standard to 365 days.

Storage under high humid conditions should be avoided.

The expiration date may be extended and COA updated after QC testing of retained samples, only for material in allnex possession.

SAFETY AND HANDLING

Please consult the Safety Data Sheet (SDS) for safety, health, and environmental data available from allnex.