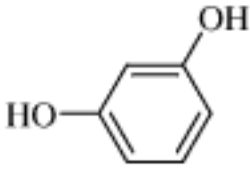


ACTMIX Resorcinol-80GS

Adhesion Accelerator Resorcinol

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Resorcinol
C₆H₆O₂
M.W.: 110.12
CAS: 108-46-3
EINECS: 203-585-2

PROPERTIES:

Resorcinol is an ingredient of resorcinol/formaldehyde/silica white adhesion system. It can lead to formation of resorcinol/formaldehyde/resin adhesion system for rubber and fabric or steel cord together with formaldehyde donors (such as H-80 or HMMM-50) in processing. The system is suitable to adhesion between various rubber and reinforcing materials such as fibers, glass fibers or metal (such as steel cord).

DOSAGE:

2-4phr usually.

APPLICATIONS:

Tyres, conveyor beltings, V beltings, circular tapes, fire-fighting hoses, other reinforced hoses, soft containers, fabric coating.

TYPICAL VALUES:

Melting point: 108°C
Purity: Min 99%
Ash content: Max 0.3%
Heat loss: Max 0.5%
200µm sieve residue: Max 0.5%

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PRODUCT	Active Content (%)	Color	Filtration (µm)	Binder	Mooney ML (1+4) 50°C	Density (g/cm ³)
Actmix® Resorcinol-80GS	80	White to brown	--	SBR	100	1.05

* Binder type can be customized. Except SBR, others binders, such as EPDM/EVM, NBR, EPM, AR, ECO also can be available for.

SAFETY&TOXICITY:

Please refer to related MSDS.

PACKAGING&STORAGE:

Net weight 25kg/carton lined PE bag; Net weight 600 kg/pallet.

Shelf-life: 1 year in its original packaging

Stored in a dry and cool place.

Compared to traditional Resorcinol powder, Actmix®Resorcinol-80GS allows:

Dust free products with no pungent smoke in rubber mixing, environment improver, health guard of operators.

Effective guarantee of stability of resorcinol and reduction of possibilities of air oxidation due to pre-dispersed masterbatch.

Tack free products at room temperature (50°C), convenience and accuracy on ingredients.

Lower Mooney viscosity at lower temperature, higher quality of dispersion.

Impurity free, blocked filter free of extrusive products, scrap rate reduction and higher productivity thanks to filtration.

Wider compatibility with other elastomers.

G: granule, P: plate, E: EPDM binder, N: NBR binder, S: SBR binder, A: ACM binder, EO: ECO binder, F200: filtration and micron number of filter

The information contained in this leaflet is based on tests carried out by our laboratories and data selected from references. Therefore it is not valid legally and does not signify any guarantee to customers of successful applications of the product according to their own formulas. However, our company will offer professional services in technology at utmost to facilitate customers to achieve expected purpose of product applications.

Actmix®Resorcinol-80GS

TECHNICAL DATA SHEET (TDS) version 1.3

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