



PRODUCT PROFILE

Speciality Rubber Chemicals



Eco-friendly, Non-staining Bonding Agent

Aurobond 825

The bonding between fabric and brass coated steel cord with rubber compound is conventionally done with Resorcinol and Methylene compound, which has lots of disadvantages. Considering the disadvantages of Resorcinol & HMMM/HMT Resin and its impact on environment and human health, Aurobond 825 is a **non staining single component unique eco-friendly bonding system free of Resorcinol & HMMM/HMT resin.**

The newly introduced Aurobond 825 provides excellent improvement of adhesion value between fabric and coated steel cord with rubber compound against conventional two component systems (Resorcinol and HMMM/HMT resin based compound).

Resorcinol & Melamine Bonding Agents

Used for direct bonding system, leads to a high adhesion value between dipped/undipped synthetic fabrics and coated steel cord with rubber for the manufacture of Tyres, Conveyor & Transmission Belts, Hoses and Rubberised Fabric.

- ◆ Resorcinol Filler Masterbatch
- ◆ Resorcinol Formaldehyde Resin
- ◆ HMMM/HMT Filler Masterbatch
- ◆ Resorcinol Rubber Masterbatch

Homogenizing Agent

Aurosin 40 (dark) & Aurosin 60 (light)

Improves the homogeneity of polymer blend with different polarities and viscosities, other compounding ingredients can also be mixed fast. It also improves processing performance and batch to batch uniformity.

High Temperature Process Additive

Auroaid 8000 (powder), Auroaid 8100 (paste)

Highly effective additive for high temperature processing of polymer like fluoro polymer, EVA & EPDM & also acts as a mold release agent for special application.

Dispersing and Processing Additives

Auroaid 212, Auroaid 216, Auroaid 222, Auroaid 244

Auroaid range of Process Aids & Dispersing Agents provide excellent improvement of processing behavior for wide range of elastomers like NR, SBR, EVA, EPDM etc. Auroaid products are a result of the exchange of information with customers, identifying their critical processing problems and requirements and Auroaid's efforts through their in-house R & D.

Physical Peptizer

Auroaid 250

A unique physical peptizer for natural and polyisoprene rubber; the processibility of the compound is noticeably improved without lowering the molecular weight as chemical peptizers do.

Physical Peptizer cum Processing Additives

Auroaid 214, Auroaid 224

A unique one component additive for both physical peptising and processing of rubber. No chemical peptiser is required to reduce the viscosity.

Separate product information data sheet available on request.



Auroperse

Pre-dispersed Polymer Bound Rubber Chemical Masterbatches

Speciality Rubber Chemicals are dispersed & homogenized in Polymeric Binder, which are compatible for all rubber mixes. Auroperse helps to reduce curing time and increases dispersibility and reduces dust hazards.

Products: Accelerator Activator, Bonding Agents, Fire Retardants

Products can also be tailor-made as per customer's specifications.



Aurosin 6860, Aurosin 6864

These coagent are used in peroxide cured polymers except halogenated polymers to improve properties like rate of cure, compression set, hardness, modulus, tensile strength and adhesiveness.

Aurosin 6870

This Zinc free coagent is used for peroxide cured halogenated ploymer like halobutyl rubber and CPE.



Aurotack 202

Used in elastomer products which require green tack in their construction like tyres, belts, hoses and tread rubber. Also used in the manufacture of rubber adhesive. Aurotack 202 does not have any adverse effect on the cure rate of the vulcanisation.



Aurosap VP (Powder)

It is a water dispersible powder, which is used as aqueous dispersion for the anti adhesive treatment of unvulcanised rubber compound in the form of sheet or strip.

AUROSAP S 560 (Water Miscible Powder)

Aurosap S 560 is water miscible powder having excellent antitack property and free of heavy metals & silicone. It is eco-friendly and because of its high efficiency, it guarantees economical use & energy saving. AUROSAP S 560 is a water miscible powder and not requires continuous stirring. AUROSAP S 560 is more suitable for application where product surface need to be without any visible powder and provide clear antitack coating.



Aurosap L550 (Liquid)

An eco-friendly liquid antitack agent for the treatment of uncured rubber streets/granules /stripe, during storage before use for down stream processing. This product is more suitable for applications, where colourless antitack/antiadhesive coating is required.



Information presented above is given on good faith as accurate and reliable is not guaranteed to be so. The figures provided are intended to be guide to expected average values and should not be interpreted as a specification. Any potential application referred to above are not to be construed as recommendations. It is the responsibility of the user to determine suitability for use for any specific purpose.



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