

**TECHNICAL DATA SHEET**

**Issue No**  
**003/01**

**Revision Date**  
**01.07.2020**

**Product Name**

TECHNIC ARSB

avoided. Dispersion on Silica ensures easy mixing in rubber compound even at lower temperatures.

**Classification**

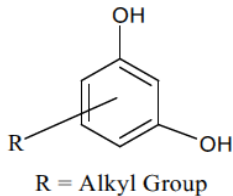
Dry Bonding Agents  
Resorcinol Donor / Methylene Acceptor  
Alkyl Resorcinol Silica Blend  
Alkyl Substituted Resorcinol Silica Blend

**Recommended Dosage**

TECHNIC ARSB	3-5 phr
TECHNIC CHM50S	3-5 phr

**Composition**

Alkyl Substituted Resorcinol Dispersed uniformly on Silica Carrier



**Advantages**

- Easy Handling
- Easy Dispersion in compound

**Technological Properties**

TECHNIC ARSB has been successfully designed to meet the stringent need of cord – rubber properties of tyre and non-tyre industries. It offers a balanced combination of good adhesion and excellent flex fatigue resistance in conjunction with methylene donors like HMT & HMMM (Methylene Donor) through formation of an in – situ resin.

**Physical Properties**

Form : Fine Powder  
Colour : White to brown powder

\*product has a tendency to dis-colour on exposure to light, although this does not affect its activity

**Handling Precaution**

Normal precaution to avoid contact with skin and eyes should be followed.

Skin contamination: Wash liberally with soap and water.

Eye contamination: Immediately wash out thoroughly with plenty of clear water for at least 15 minutes.

Refer MSDS for more details

**Chemical Properties**

Specific gravity		: 1.56 +/- .05
Fineness through		
60 mess dry sieve	[%by wt]	: 99.0 min
Active content	[%by wt]	: 50 +/- 2
Ash content @ 850°C	[%by wt]	: 46 +/- 2
Loss on Drying @ 70°C/1 hr		: 3.5 max

**Packaging**

15 kg in HDPE laminated paper bags.

**Solubility**

Alcohol	: Partly Soluble
Water	: Partly soluble

**Storage Properties & Shelf Life**

TECHNIC ARSB is highly hygroscopic and must be protected from exposure to relative humidity. The product should be stored in a cool dry place. The powder is stable for 6 months from the date of manufacturing.

**Processing Behavior**

The product is highly reactive. Readily disperses in rubber under normal processing conditions. It is recommended for use in stock master batch in multistage mixing.

Because of long aliphatic chain and alkyl derivative of Resorcinol, sublimation characteristic of Resorcinol is

**Note:**

Information in this publication is believed to be accurate and is given in good faith, but it is for the customer to satisfy itself of the suitability for its own particular purpose. TWPL gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that law prevents such exclusion.

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