



RUBBOND 40

TECHNICAL DATA SHEET

Issue No
002/02

Revision Date
17.07.2018

Product - Trade Name

RUBBOND 40

Classification

A blend of dark aromatic hydrocarbon resins
Homogenizing Agent

Physical Properties

Form : Pastiles
Appearance : Black Pastiles
Sp. Gr. @ 25C : 1.04 ± 0.04

Chemicals Properties

Product	RUBBOND 40
Softening Point (°C, R&B) 5°C/Minute	96 - 106
Ash content (% , Max)750 °C/2hrs	2 Max.

Applications

RUBBOND 40 homogenizing agent enhances the homogeneity of elastomers of dissimilar polarity and viscosity. During mixing process, RUBBOND 40 can be rapidly absorbed by the polymers. The homogenizing agents are particularly effective with those elastomer blends, which tend to deteriorate at the beginning of the mixing cycle.

During vulcanization process, RUBBOND 40 does not harden. The hardness of the vulcanization is not reduced as much as when using, for example, mineral oil plasticizers.

The reduction of compound viscosity and daring achieved with RUBBOND 40 assists downstream processing. For occasion, bagging tendency can be reduced, extrusion rates are increased without increasing die swell and calendaring properties are improved. These benefits are retained even after long storage periods of the green compound.

Advantages

RUBBOND 40 improves mold flow and extrusion characteristics. Reduces nerve and shrinkage. Improves homogeneity of elastomers and fillers. Reduces mixing cycle time, energy consumption, and viscosity. Enhances green tack.

Storage properties

Stable for One year, when stored tightly at normal room temperature.

Shelf Life

1 Year from the date of manufacture under the normal storage conditions

Packaging

25 kg (Net Wt) in Bags / Cartons

Health and Safety Information

Before handling this material Refer to the Material Refer MSDS for complete details

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. RCPL 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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