



RUBBOND® 40

TECHNICAL DATA SHEET

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Product - Trade Name

RUBBOND® 40

Classification

A blend of dark aromatic hydrocarbon resins
Homogenizing Agent

Physical Properties:

Parameter	Specification
Physical form	Black pastilles

Chemicals Properties

Parameter	Specification	Test Method [ASTM/RCPL]
Sp. Gravity @ 25 °C	1.04±0.08	D1817
Softening Point, °C (R&B, 5°C/Min.)	95-115	D6493 / T-23
Ash content, % @750 °C, 2hrs.	2 Max.	D4574
Loss on Drying, @105 °C, 1 Hr.	0.5 Max	D4571

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

Stable for one year, when stored at ambient temperature in original sealed container & in well ventilated place.

Shelf Life

12 Months from the date of manufacturing

Packaging

25 kg packing in Carton / 500Kgs. Jumbo bag in Gaylord box

Health and Safety Information

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

REACH Compliance:

Material is meeting the REACH compliance.

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.

RAJSHA CHEMICALS PRIVATE LIMITED

Plant:

Block No.: 637&634P, Lamdapura Road, At. Manjusr
PO: Lamdapura, Ta: Savli, Dist. Vadodara 391 775, India
Tel – +91 9662049271
Email – office@rajsha.com

TWC Group, Corporate Office:

Hi Tech Chambers, 5th Floor, 84/1B Topsia Road (S)
Kolkata 700 046, India
Tel – +91 33 2285 1278 / 1279. Fax - +91 33 2285 1280
E mail – info@twc.in, W:www.twc.in