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**RESINS & TACKIFIERS
 -ADDITIONAL RESINS-**

COL 1440 GUM ROSIN

PRODUCT DESCRIPTION:

Col 1440 gum rosin is a 75°C softening point, low molecular weight rosin gum produced from natural, renewable resources. This rosin’s distinctive feature is that it contains acid functionality (-COOH), making it compatible with a wide range of elastomers. This rosin is appropriate for use in rubber products, sealants, coatings, adhesives and paints and varnishes.

TYPICAL PROPERTIES:

Appearance	Yellow to amber solid
Gardner Color (50% toluene)	7 max.
Specific Gravity @ 25°C	1.07
Softening Point (B&R)	68 - 78°C
Acid Number (mg KOH/g)	158 - 168

APPLICATION:

Col 1440 gum rosin is utilized in rubber products as a low-cost tackifier and softener in hoses, belts, footwear, flooring and molded goods, etc. This rosin aids in processing of a wide range of elastomers compounds by increasing green tack, rate of incorporation of fillers, stock flow and improves knitting. Gum Rosin is recommended for light colored stocks and typical loading range is 10 – 25 phr. Gum Rosin is FDA acceptable under CFR 21 section 175.105 (Adhesives) and 177.2600 (Rubber Articles Intended for Repeated Use).

STORAGE:

Due to the characteristic low melt point, Gum Rosin can sinter or re-mass during storage.

PACKAGING:

55 pound net weight bags

tee – 3/26/2024, t-Col Gum Rosin (St # 00107)

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