



STAR POLYMERS INC.

For All Rubber Reclamation Needs



- Reclaiming Agent (RA)
- Pinetar-HT
- Coaltar
- Gum Rossin
- Black Rossin



About

We are a leading supplier of Reclaiming Agents and allied materials to the Reclaim Rubber Industry since 1985. Today our name stands for quality, commitment and growth. .

Our Reclaiming Agents and allied materials are manufactured in accordance to internationally recognized quality standards and are suitable for different applications in Reclaim Rubber Industry.

We have Strategically placed Warehouses in Mumbai & Punjab along with a fleet of trucks for handling Timely logistics.

Reclaiming Agent

It is a mixture of alkyl phenol compounds, widely used in the rubber powder's devulcanization process in Reclaim Rubber production. We are one of the largest suppliers of highly effective odorless rubber regeneration activator (RA). We are Agents for Anhui Jinma Rubber Additives Co., Ltd. China. (One of the largest Reclaiming Agent (RA) manufacturing company across the globe and also Sole Agents of Qingdao Toplit Industry Co., Ltd for their RA-790)

Rubber Reclaiming Agent is used for breaking the crossed linkage between sulfur elements & rubber elements on high temperature & pressure, resulting in high tensile strength and reduced Mooney viscosity.

The most popular and widely used grade is RA-480.

RA 480 is preferred over all other RA's due to following benefits:

- Minimum possible dosage in Rubber-0.30%.
- It improves the tensile strength of Reclaim Rubber by over 10% more than other RA's.
- Reduces the mooney viscosity of Reclaim Rubber .
- Shortens the devulcanizing time and improve Reclaimed Rubber Overall quality.
- Our RA-480 reduces the autoclave timing to a large extent that too at lower temperature, also resulting in saving of power consumption, reduced fuel intake, reduces process timing, improve efficiency of Rubber Reclaiming Plant

PROPERTIES	UNITS	RA-480
TOTAL SULPHUR CONTENT	(%age)	12±1
INTEGRATION SULPHUR	(%age)	11±1
PH VALUE	NO.	6.8±0.1
HEAT LOSS@180°C 1 HOUR	(%age)	2±1
AS UNDER SULPHUR	(%age)	1.5±0.5
FLASH POINT	°C	195±5
VISCOSITY		35-45
SPECIFIC GRAVITY	°C	1:1.05



Pinetar (H.T.)

Pinetar HT is a sticky material produced by the high temperature carbonization of pine wood in anoxic conditions (dry distillation or destructive distillation).

Pinetar H.T. is used only in making High Tensile Reclaim Rubber & hence the alphabets H.T in its name..

PROPERTIES	UNITS	PRODUCT 8011-48-1
FLASH POINT	°C	130-150
VISCOSITY	REDWOOD-1	1500-1700
SPECIFIC GRAVITY	GM/CC	.970 TO .990
ASH CONTENT	%	LESS THAN 0.50
ROSIN CONTENT	by difference	60±3
PH VALUE	NO.	7 (NEUTRAL)
VOLATILE CONTENT	%	4±0.5



Coaltar (Dehydrated)

Coaltar is a thick dark liquid which is a by-product of coke and coal gas produced from coal. It is a complex mixture of phenols, polycyclic aromatic hydrocarbons (PAHs) and compounds.

PROPERTIES	UNITS	DEHYDRATED GRADE
SPECIFIC GRAVITY	GM/CC	1.10 to 1.20 (at 40 C)
SOFTENING POINT	°C	55-60
MELTING POINT	°C	65-85
FIXED CARBON	%	55-60
MOISTURE	%	1 (MAX)
SULPHUR CONTENT	%	NIL
ASH	%	1 (MAX)



Gum Rossin

Gum Rossin is used in making High Tensile Reclaim Rubber. It increases the Tensile Strength of Reclaim Rubber and gives elasticity to Reclaim.

PROPERTIES	UNITS	GUM ROSSIN
SOFTENING POINT	°C	77.5 (MIN)
IMPURITY/SOLUBILITY IN TOLUENE	%	0.5 (MAX)
ACID VALUE	NO.	170-190
SAPONIFICATION VALUE	NO.	180-210
IODINE VALUE	NO.	5-15
ASH CONTENT	%	≤0.01
VOLATILE OIL CONTENT	%	0.9



Black Rossin

It is a low cost alternative to Gum Rosin with similar properties & results. It is used in making High tensile reclaim rubber and gives excellent results same as Gum Rosin.

PROPERTIES	UNITS	BLACK ROSSIN
SOFTENING POINT	°C	≥80
ASH CONTENT	%	≤3
ROSSIN CONTENT	%	75
WATER CONTENT	%	≤1





COMMITMENT & QUALITY

STAR POLYMERS INC.

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Punjab Warehouse:

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Mumbai Warehouse:

Godown no- 1 to 5, Mayashree Complex,
Opp. Priti Petrol Pump.
Near Gagan Freight Carrier,
Purna Village, Bhiwandi.