

Aktivator RX-87-GR

预分散台翔活性剂 RX-87-GR

PRE-DISPERSED POLYMER BOUND

COMPOSITION (成份)

Aktivator RX-87-GR is the active agent of white carbon black. It is to increase the dispersion of white carbon black filler and promote curing.

预分散台翔活性剂 RX-87-GR 是白炭黑的活性剂，用以提高白炭黑填料的分散及促进硫化。

Traditional White Carbon Black rubber compound, the use of different ratio of PEG / DEG as an active agent White Carbon Black, there are the following shortages:

传统白炭黑橡胶配方，使用不同配比的聚乙二醇/二甘醇(PEG/DEG)做为白炭黑活性剂，存在着下列的缺点：

First, DEG fast curing and easy to scorch; product is characterized as liquid, maneuver, easy to absorb water, and reducing activation effect. In the mixer, it is easy to evaporate at high temperatures and affect the activation effect. Also, it has pungent taste. Excessive amount will have blooming phenomenon.

首先，DEG 硫化快、易焦烧，产品性能为液体，操作不便，易吸收水份，降低活化效果；在密炼机里打料时，易于高温下挥发，影响活化效果；且有刺激味，用量过多也会有喷霜现象。

Aktivator RX-87-GR has flat vulcanization curve, not easy to scorch, unvulcanized rubber stored for several days will not have scorch phenomenon, and will not have blooming phenomenon.

Aktivator RX-87-GR is a safe and effective active agent. And, the result will come better by using Aktivator RX-87-GR with PEG. Meanwhile, Aktivator RX-87-GR is pre-dispersed polymer bound, easy to operate, pounds of precision, storage will not absorb water, and herbs constant.

预分散台翔活性剂 RX-87-GR 硫化曲线平坦、不易焦烧，未硫化胶储存多日亦不会有焦烧现象，又不会有喷霜现象，是一种安全又有效的活性剂，与 PEG 配合使用，效果更佳。同时，预分散台翔活性剂 RX-87-GR 产品性能为预分散母胶粒，操作方便，磅量准确，储存不吸收水份，药性恒定。

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DOSAGE (使用剂量)

Use with PEG, ratio suggested is 7:3. The total active agents' dose (PEG and Aktivator RX-87-GR) should be 10% of white carbon black.

与 PEG 配合使用依 7:3 配比，总活性剂(PEG 和 RX-87-GR)剂量为白炭黑的 10%。

EXPERIMENTAL FORMULA (配方实验)

配方/Formula	A	B	C
DEG	0.50	0	0
1987	0	0.50	0
RX-87	0	0	0.50
测试项目/Test project	测试结果/Result		
Hardness/硬度 (A°)	67	65	65
Specific Gravity/比重 (g/cm ³)	1.13	1.138	1.132
Pull/拉力 (kg/cm ²)	217	208	206
Extension/延伸 (%)	720%	740%	700%
300% Elongation/定伸(kg/cm ²)	61.8	58.6	59.6
Trouser tear/裤形撕裂(kg/cm ²)	23.9	22.4	21.6
NBS	227	223	299
DIN	85.1	84.7	83.7
T10	1-45	1-41	1-23
T90	3-52	3-41	3-13
ML(1b-in)	18.3	19.8	19.1
MH(1b-in)	44.3	47.84	47.7

配方： 5L-36 SBR-1502-20 BR-122-44 H-501-2.60 VN3-50 DEG-0

P-OIL-3.2 K-845-4-1.20 TNP-0.60 SP-1 ZNO-4.80 ST-ACID-1

PEG-2.8 1987-0 RX-87-2 40/60-0.60 S-1.67 DM-1.02 M-0.34

TBZTD-0.25

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PROPERTIES (物性)

Appearance/外观	White granules/白色颗粒
Specific Gravity/比重 (g/cm ³)	Approx. 1.40
Volatility/挥发度 (80°C/2hr)	< 1.0%
Mooney Viscosity/摩尼黏度 (ML 1+4 @ 50°C)	< 120
Storage Stability/储存期	Two year under normal storage conditions/ 在良好的保存环境下可保存两年
Packing/包装	25kg per paper bag/25 公斤纸袋

Note: After a period of time, this product is characterized with minor change of color. In most cases, this phenomenon will not affect the designated chemical performance of this product. Color change can be prevented if this product is to be used in short period after purchasing.

注意: 此产品放置一段时间后，产品颜色会有所变化，其为产品本身的特性;在绝大部份情况，产品品质不变。如果在购买后短时间内使用,则可避免颜色改变。

STORAGE TIPS (储存使用提示)

To avoid product metamorphism by absorbing moisture, please seal the bag and use up as soon as possible.

为避免产品吸潮变质，开袋后请尽早使用并密合封口。

MANUFACTURER (生产厂商)

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IMPORTANT NOTE (备注)

TaiXiang has sought to correct the above information, the information and data for reference purposes only. Concrete information please keeps the standard of testing the kinds.

台翔公司对上述资料已力求正确，各项资料数据仅供参考，具体以实物检测为准。

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