

N9 PLASTIX RODX 01

ANTIRODENT MASTERBATCH FOR PLASTIC/POLYMER CABLES

TECHNICAL INFORMATION

N9 PlastiX RodX 01 is a LLDPE based anti-rodent and anti-termite masterbatch which has highly effective aversion agent with minimal odor release compounds designed to prevent damage to electrical cables, Pipes, Gunny Bags, Films, Nets, etc., from rats, squirrels and termites. This masterbatch provides both anti-gnawing and aversive effects by disrupting rodents' senses of taste, causing behavioral changes due to significant discomfort and conditioning them to avoid further encounters. Importantly, it achieves this without harming the animals. It is non-toxic and non-hazardous, specifically designed to repel rodents and insects without posing any risk

PROPERTIES

Active material	Aversion-inducing agent
Appearance	White to off-white pellets
Form	Pellets
Density (g/cc)	0.4-0.6
N9 Plastix Additive loading	10%
Compatibility	Generally compatible with most of the grades of LDPE grades polymer. However, the compatibility must be checked before bulk and industrials application.

RECOMMENDED DOSAGE:

The recommended dosage of **N9 PlastiX RodX 01** is **0.5%-1%** by total weight of polymer.

TESTING OF PLASTIC:

The final treated article can be accessed using the below protocols:

- **Anti-rodent testing:**
 - **ISO 9001:2008 – TEC/GR/FA/DWC-034/02/AUG-19** at Ross Lifesciences, Pune-India
- **Anti-termite testing:**
 - **ECHA Guidance, Volume 2, Version 6.0 (2023)** at Ross Lifesciences, Pune-India

CAUTION:

Kindly handle the additive carefully, use all relevant PPEs like gloves, face mask while handling the products. Avoid inhalation and direct contact with additive.

SHELF LIFE:

When stored under proper storage conditions* **N9 PlastiX RodX 01** can be used before 18 months from the date of the manufacturing the product. Keep the container lid close when not in use.

STORAGE & HANDLING*:

Store the product in a closed, any dry place with general ventilation, in dark, light sensitive closed containers. Wear hand gloves, face mask and suitable PPE's while handling the product.

DISPOSAL*:

Product: Dispose the material according to regulations by incineration in a special waste incinerator. Follow the local bye-laws.

Packaging: Since packaging material does not get contaminated, it may be reused/ recycled after thorough soap washing. Observe local bye-laws.

TECHNICAL DATA SHEET

*Refer SDS for more information.

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For any technical details, please contact: info@n9worldtechnology.com or write to any of the following addresses -
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N9 PLASTIX RODX 02

ANTIRODENT MASTERBATCH FOR PLASTIC/POLYMER CABLES

TECHNICAL INFORMATION

N9 PlastiX RodX 02 is an EVA based anti-rodent and anti-termite masterbatch which has highly effective aversion agent with minimal odor release compounds designed to prevent damage to electrical cables, Pipes, Gunny Bags, Films, Nets, etc., from rats, squirrels and termites. This masterbatch provides both anti-gnawing and aversive effects by disrupting rodents' senses of taste, causing behavioral changes due to significant discomfort and conditioning them to avoid further encounters. Importantly, it achieves this without harming the animals. It is non-toxic and non-hazardous, specifically designed to repel rodents and insects without posing any risk.

PROPERTIES

Active material	Aversion-inducing agent
Appearance	White to off-white pellets
Form	Pellets
Density (g/cc)	0.4-0.6
N9 Plastix Additive loading	10%
Compatibility	Generally compatible with most of the grades like PVC, LDPE, LLDPE, HDPE, PP, ABS, and others grades. However, the compatibility must be checked before bulk and industrials application.

RECOMMENDED DOSAGE:

The recommended dosage of **N9 PlastiX RodX 02** is **0.5%-1%** by total weight of polymer.

TESTING OF PLASTIC:

The final treated article can be accessed using the below protocols:

- **Anti-rodent testing:**
 - **ISO 9001:2008 – TEC/GR/FA/DWC-034/02/AUG-19** at Ross Lifesciences, Pune-India
- **Anti-termite testing:**
 - **ECHA Guidance, Volume 2, Version 6.0 (2023)** at Ross Lifesciences, Pune-India

CAUTION:

Kindly handle the additive carefully, use all relevant PPEs like gloves, face mask while handling the products. Avoid inhalation and direct contact with additive.

SHELF LIFE:

When stored under proper storage conditions* **N9 PlastiX RodX 02** can be used before 18 months from the date of the manufacturing the product. Keep the container lid close when not in use.

STORAGE & HANDLING*:

Store the product in a closed, any dry place with general ventilation, in dark, light sensitive closed containers. Wear hand gloves, face mask and suitable PPE's while handling the product.

DISPOSAL*:

Product: Dispose the material according to regulations by incineration in a special waste incinerator. Follow the local bye-laws.

Packaging: Since packaging material does not get contaminated, it may be reused/ recycled after thorough soap washing. Observe local bye-laws.

TECHNICAL DATA SHEET

*Refer SDS for more information.

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