

Product information

TRIBO-H1 EPILAM® SLIDING ADDITIVE for rubber goods and polymers

epilam.com
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APPLICATION

The concentrated additive is designed to reduce friction, to facilitate removal from molds and extruders, as well as to enhance the gloss and improve the surface quality of molded products. It is used in polymer, rubber and composite materials, such as:

- * rubber and porous materials
- * rubbers
- * polyethylene powder metallurgy (PE), polycarbonate (PC)
- * polypropylene (PP), polyurethane (PUR)
- * polyvinyl chloride (PVC)
- * polyethylene terephthalate (PET),
- * polyolefins, polyalphaolefins (PAO)
- * polyesteresterketone (PEEK)

THE SAMPLES OF USING

Antistatic additive (internal antistatic agent), - added to the plastic during its processing. The layer formed in this way performs a conductive function, as it removes the charge and reduces the degree of charge of the plastic. During migration, high-molecular antistatic compounds replace those that are erased from the polymer surface. It can be used in such types of polymer products as PE, PC, PP, PUR, PVC, PE, PP, ABS, GPS.

The rate of addition is not more than 3%.

PACKING

5kg, 10kg, 20kg

PROPERTIES

- * Excellent anti-wear and tribological properties
- * Has anti-adhesive properties
- * Has heat resistance
- * Suitable for all processes of addition, dosing, lubrication.

ADVANTAGES

- * No combustibility
- * Explosion-proof
- * Low toxicity
- * Simplicity of application technology
- * They are effective particles that do not contain acids and alkalis.

IMPACT ON ECOLOGY

- * Do not contain alcohol and toxic
- * Not carcinogenic.
- * Not explosive
- * Does not irritate.
- * Safety data sheet available

APPLICATION

- * Can be applied by adding, spraying
- PE, PC, PP, PUR, PVC, PET, PAO, ABS, GPPS
- * Low composition consumption

COLOUR

- Colorless
- * Turquoise-green (on request)

| INDUSTRY | |
|----------------------|---|
| Areas of application | rubber and porous materials |
| | rubbers |
| EPILAM TRIBO-D1 | polyethylene powder metallurgy (PE), polycarbonate (PC) |
| | polypropylene (PP), polyurethane (PUR) |
| | polyvinyl chloride (PVC) |
| | polyethylene terephthalate (PET) |
| | polyolefins, polyalphaolefins (PAO) |
| | polyesteresterketone (PEEK) |

SPECIFICATION

| | |
|----------------------|---|
| Area of application | Various polymer and composite materials |
| The action | It is introduced into the composition of the material to impart sliding properties and improve anti-wear properties |
| Bulk weight, density | 1.5-2.2 g/cm ³ |
| Particle size | Up to 0.1 microns |
| Boiling point | Over +142 C |
| Storage temperature | From -60C to +45C |
| % input/add | up to 5% |

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