EXHALS™

Light Stabilizers

Plastics have become an essential material in virtually every espect of modern day life, replacing other materials such as wood, glass, paper and steel. However, regular exposure to heat and light inevitably degrades plastics. Weathering manifests as change in colour emergence of cracks and also diminishes the physical properties of Plastics.

Excel Industries Ltd. has introduced **EXHALS™ 481** which protects the polymer, helping it withstand ultra violet radiation.

EXHALS™-481

A low molecular weight light stabilizer providing outstanding light stability to many polymers, thereby retaining the aesthetics and extending their life.

Advantage EXHALS™ 481

- Available in powder form (**EXHALS™ 481P**) or flakes (**EXHALS™ 481F**) depending on your requirement.
- Suitable for demanding applications like weather resistance including continued UV exposure for polymers such as PP, HDPE, PS, ABS, SAN, EPDM and PU. It is also effective in PA and POM.
- Effective independent of the article dimensions, especially for applications with high specific surface area e.g. coating, films, sheets and tapes.

Typical Properties

Characteristics	Typical Value
Appearance	White Powder/Flakes
Melting point (°C)	81 – 85
Purity by G.C., min. (%)	99.0
Ash content, max. (%)	0.10
Transmittance, min. 425 nm / 450 nm (%)	99.0

Packaging

Standard size - 25 kg net weight in PP bags.
Please contact us with your specific packaging requirements and we will be pleased to support your needs.

Handling

In accordance with good industrial practice, handle with care and prevent contamination of the environment. Avoid dust formation and ignition sources. Please contact for an MSDS or additional information.

Excel Industries Ltd.

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