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Material Datasheet – 50mm Knotted Bird Netting

Material: 12/6 twisted Polyethylene

Mesh Size: 50mm

Weight: 22 g/sqm

Breaking Strain: 20 Kg per mesh

Life Expectancy: 10 Years in normal usage

Elongation

Commercial polyethylene multifilaments have an elongation factor and break in the region of 20-30%

Effects of Moisture

Polyethylene is a paraffinic hydrocarbon and does not absorb water. Moisture does not affect the tensile strength of the net or any of the other mechanical properties.

Effect of Low Temperature

Polyethylene retains its flexibility at low temperatures.

Softening Point

The softening point of polyethylene fibres is in the region of 130-138°C and the fibre will melt at 150 – 160°C. The softening and melting points are determined by the nature of polymer and the way the crystallinity has been influenced during the treatment of the fibre after spinning.

Effect of Sunlight

Polyethylene is attacked by atmospheric oxygen, and the reaction is stimulated by sunlight. Polyethylene fibre will deteriorate on exposure to light; this effect is reduced by the inclusion of a UV inhibitor within the product.

Chemical Resistance

Acids – Excellent

Alkalis – Excellent

Polyethylene is inert to a wide range of chemicals. It's high crystallinity tends to make it more resistant to chemicals that degrade olefin fibres.

Product Life Span

Manufactured to the highest possible standards, our knotted polyethylene netting has an expected life span of at least 10 years, providing that net is fitted, maintained & serviced at regular intervals – to provide optimal performance conditions for product and avoiding net friction. In-Situ reports must be filed when reporting concerns.



BS EN ISO 9001 Certificate No. 7863

NETTING

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