



Polypropylene 50mm mesh netting

1. Construction

210/48 (16z) Polypropylene netting, twisted x 3 strands to make the finished twine that is approximately 1.8 mm in diameter. The breaking force of the twine is 70kg to ISO1805, runnage of the twine 724mpk . Mesh size 50mmkk. 70 grams M₂ The above twisted twine is then manufactured into sheet netting by the use of a knotted net loom, after this process the netting is placed in our heat stabilising setting machine, at this stage the knots are pulled under pressure of about 10 tons and set at a temperature of 105 c for 5 minutes, this process ensures that the knots and mesh size is to the quality that is required. Colours available Black, White, Green

2. Thermal Properties

Softening Point

Polypropylene plastifies about 150 - 155°C

Effect of High Temperature

Melts at 175°C

Effect of Low Temperature

Polypropylene retains its flexibility at very low temperature and does not become rigid under freezing conditions.

Flammability on the normal PP

Burns slowly in air, fine filaments tend to melt and drop away before propagating a flame.

3. Flame Retardant

Tested for flammability to BS 5867 part 2 1980 Type B without any form of cleansing or wetting procedure prior to testing.

4. Chemical Properties

PP, being a paraffin hydrocarbon is inherently chemically inert and highly resistant to a wide range of chemicals at ordinary temperatures. PP fibres have a high resistance to acids and alkalis at all concentrations. They are attacked by nitric acid. They are insoluble in most common organic solvents at room temperature.

5. Electrical Properties

PP is an outstanding electrical insulator, especially to high frequency currents.

6. Insects and Micro-organisms

The fibres are not digested by insects and are completely resistant to bacteria, mildew and other micro-organisms. This makes them virtually rot proof.