

DID YOU KNOW?

about our... **NYLON 66 BLACK UV STABLE HEC**



**NEW
PRODUCT**

FLAT ROUND WASHER

NYLON 66 BLACK UV STABLE / HEC / NYLON

| Part | Qfind | Bolt Size | OD (mm) | ID (mm) | Thk (mm) | Pack Qty |
|----------|---------|-----------|------------|------------|-------------|----------|
| WR66UM04 | B1254B | M4 | 9 | 4.3 | 0.8 | 200 |
| WR66UM05 | B1255B | M5 | 10 | 5.3 | 1.0 | 200 |
| WR66UM06 | B1256B | M6 | 12 | 6.4 | 1.5 | 200 |
| WR66UM08 | B1258B | M8 | 16 | 8.4 | 1.6 | 200 |
| WR66UM10 | B12510B | M10 | 20 | 10.5 | 2.0 | 100 |
| WR66UM12 | B12512B | M12 | 24 | 13.0 | 2.5 | 100 |
| WR66UM16 | B12516B | M16 | 30 | 17.0 | 3.0 | 100 |



Nylon 66 + Carbon Black in the material to improve UV / External Weathering

Polyamide Nylon (PA, PA6.6, 66) is the standard polymer used in the Hobson range of plastic or nylon fasteners. It is recognised worldwide for being the most suitable material for fasteners as it has:

- Excellent filling qualities and is easily moulded into long shapes such as threaded rod
- Tensile strength and resistance to creep, particularly in high temperatures
- Superior wear properties, low coefficient of friction and exceptional chemical resistance to aromatic hydrocarbons, greases and oils



Nylon is a hygroscopic material which has a tendency to absorb moisture from the surrounding environment. The amount of absorption will depend on the environmental conditions. When water or moisture is absorbed by Nylon, it behaves like a plasticizer in plastics reducing the tensile strength, stiffness; and increasing elongation, impact strength and energy absorbing characteristics.

Outdoor weathering and UV resistance is improved by the addition of carbon black.

- » Protects surfaces and offers good electrical insulation
- » Absorbs shocks and vibration
- » Resists corrosion between various metals and other alloys