

MATERIAL SPECIFICATION

NYLON 6/6
UV RESISTANT
ADDITIVE

SPECIFICATION NUMBER
MTS1003CST

drawn
MEF
6/23/98

REVISION
level.. 02
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by.. TLR
ECN # 011133

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DESCRIPTION

This is a material with a chemical UV stabilizer mixed in. It can be any color including black. It does not have the 2% carbon black that is required in the military specification. It can also have a heat stabilizer, an impact modifier, or a combination of the two in it. For more details refer to MTS1004CST for heat stabilized material, MTS1006CST for high impact material, MTS1011CST for high impact - heat stabilized material and MTS1001CST for colored materials.

Commercial Name: Nylon 6/6 UV
Catalog Code UV, HSUV, HIRUV or HIRHSUV

Recycling Symbols:

>PA66<



OTHER

Used On: Cable Ties

APPROVED COLORANTS

Standard colorants for nylon can be used. Consult customer service for options.

CONDITIONING: Follow standard cable tie conditioning practice, material is sensitive to moisture.

GENERAL PERFORMANCE CHARACTERISTICS

Heat Stabilized	Yes, only if mixed with HS base material.
High Impact	Yes, only if mixed with HIR base material.
Moisture Sensitivity	Yes, similar to general purpose nylon.
UV Resistance	Good for outdoor use.

For specific additives and properties including chemical, flammability, physical, mechanical, and thermal see:

MTS1001CST for standard material,
MTS1004CST for heat stabilized,
MTS1006CST for high impact material,
MTS1021CST for high impact - heat stabilized material