

# VESTAMID® *Care* ML

Polyamide 12



Photo courtesy of Medtronic

VESTAMID® *Care* ML resins are characterized by several outstanding properties, such as high impact & notched impact resistance, dimensional stability, good sliding properties, high abrasion and chemical resistance.



## VESTAMID® *Care* ML

Unfilled VESTAMID® *Care* ML grades are, for example, the materials of choice for catheters and tubing. These materials meet even the most challenging requirements in applications such as angioplasty balloon catheters.

Typical application areas for filled VESTAMID® *Care* ML grades include housing parts, monitoring and imaging devices and durable medical equipment. Due to their low water uptake, filled VESTAMID® *Care* ML grades even resist steam autoclaving for more than 500 cycles.

## VESTAMID® Care ML (Polyamide 12)

### Benefits of VESTAMID® Care ML:

- High impact resistance
- High dimensional stability
- High chemical resistance
- Low sliding friction
- High toughness
- High abrasion resistance
- Easy processability & colorability
- Gamma, autoclave, and EtO sterilizable



Photo courtesy of Boston Scientific

### Biocompatibility Compliance:

- USP <88> class VI and ISO 10993
- All VESTAMID® Care ML grades may be used in applications within the body for up to 30 days

### Typical Applications:

- Balloons
- Catheters
- Medical tubing
- Housings
- Flexible dentures

### Product Offering:

- Natural color
- Heat and light stabilized
- Filled
- Pellets packaged in 25 kgs / 55.1 lbs bags

### Other available Care products:

VESTAMID® Care ME – PEBA (Polyether Block Amide)

TROGAMID® Care MT/MX – Transparent Nylons (Amorphous & Microcrystalline)

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