

TECHNICAL DATASHEET

Edition: Jul-15

TMS 86 N N

MATERIAL TYPE:

Thermoplastic compound, vinyl based Soft

APPLICATION*:

Medical Devices

TRANSFORMATION:

Injection Molding

REGULATORY & CERTIFICATIONS:

Contains DOP in concentration over 0,1%. This substance is subject to Autorization under REACH regulation
Contains PHTHALATES, relevant for MDD, in concentration >0,1%
Do NOT contain any raw material of animal origin
USP class VI (last edition)
EUPh 3.1.1.2. (last edition)

STERILIZATION SUGGESTED**:

EtO (Ethylene Oxide) or Irradiation

MATERIAL DETAILS:

Thermal Stabilization: Ca/Zn stearate complex
Softener: DOP (Di (2-ethylhexyl) phthalate; DEHP)
NO Pigments added

TECHNICAL DETAILS

TECHNICAL DETAILS	METHOD	Unit	VALUE
Specific Gravity	ISO 1183-1	kg/dm ³	1,25±0,02
Hardness	ISO 868	Shore A 15" (24h)	86±2
Thermal Stability	ISO 182	sec	>1500
Cytotoxicity	ISO 10993-5	n/a	NOT Cytotoxic
Tensile strength at Break	ISO 527	Mpa	>17
Elongation at Break	ISO 527	%	250 - 300

MSDS reference code: 03658

* Application is only an indication of potential use of the product. Verification of effectiveness of application is customer responsibility.

** If Applicable. Sterilization indicated is the method for which the material has been designed for. Other sterilization methods can be applied on exclusive responsibility of the customer.

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