

## TECHNICAL DATA SHEET

# PHARMALENE® MT 10 PH BCA

Versalis S.p.A  
(PE-LD)

### Processing

Injection molding

### Delivery Form

Pellets

### Certifications

Contains renewable resources, Food contact, Food approval 10/2011, Food approval FDA 21 CFR, Medical grade, US Pharmacopeia class VI approved

### Applications

Medical

## Product Text

### Product Information

Pharmalene MT 10 PH BCA will be bio attributed for 100%.

| Processing/Physical Characteristics         | Value     | Unit              | Standard       |
|---------------------------------------------|-----------|-------------------|----------------|
| Melt flow index, MFI                        | 40        | g/10min           | ISO 1133       |
| Temperature                                 | 190       | °C                |                |
| Load                                        | 2.16      | kg                |                |
| Mechanical Properties                       | Value     | Unit              | Standard       |
| Yield stress                                | 9         | MPa               | ISO 527        |
| Flexural modulus, 23°C                      | 110       | MPa               | ISO 178        |
| Shore D hardness                            | 43        |                   | ISO 7619-1     |
| Thermal Properties                          | Value     | Unit              | Standard       |
| Melting temperature, 10°C/min               | 106       | °C                | ISO 11357-1/-3 |
| Vicat softening temperature, A              | 80        | °C                | ISO 306        |
| Other Properties                            | Value     | Unit              | Standard       |
| Density                                     | 917       | kg/m <sup>3</sup> | ISO 1183       |
| Processing Recommendation Injection Molding | Value     | Unit              | Standard       |
| Mold temperature                            | 10 - 30   | °C                |                |
| Zone 1                                      | 160 - 200 | °C                |                |