

## TECHNICAL DATA SHEET

# PHARMALENE® MP 30 PH BCA

Versalis S.p.A  
(PE-LD)

## Processing

Injection molding

## Delivery Form

Pellets

## Features

High gloss

## 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 MP 30 PH BCA will be bio attributed for 100%.

| Processing/Physical Characteristics         | Value   | Unit              | Standard       |
|---------------------------------------------|---------|-------------------|----------------|
| Melt flow index, MFI                        | 7.5     | g/10min           | ISO 1133       |
| Temperature                                 | 190     | °C                |                |
| Load                                        | 2.16    | kg                |                |
| Mechanical Properties                       | Value   | Unit              | Standard       |
| Yield stress                                | 12      | MPa               | ISO 527        |
| Flexural modulus, 23°C                      | 200     | MPa               | ISO 178        |
| Shore D hardness                            | 50      |                   | ISO 7619-1     |
| Thermal Properties                          | Value   | Unit              | Standard       |
| Melting temperature, 10°C/min               | 112     | °C                | ISO 11357-1/-3 |
| Vicat softening temperature, A              | 92      | °C                | ISO 306        |
| Other Properties                            | Value   | Unit              | Standard       |
| Density                                     | 925     | kg/m <sup>3</sup> | ISO 1183       |
| Processing Recommendation Injection Molding | Value   | Unit              | Standard       |
| Mold temperature                            | 10 - 30 | °C                |                |

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| Processing Recommendation Injection Molding | Value     | Unit | Standard |
|---------------------------------------------|-----------|------|----------|
| Zone 1                                      | 160 - 200 | °C   |          |