

TECHNICAL DATA SHEET

# PHARMALENE® ML 70 PH BCA

Versalis S.p.A  
(PE-HD)

### Processing

Injection molding

### Delivery Form

Pellets

### Special Characteristics

High impact or impact modified

### Features

Creep resistance

### Chemical Resistance

Environmental stress crack resistance, Oxidation resistance

### 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 ML 70 PH BA will be bio attributed for 95%.

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	8	g/10min	ISO 1133
Temperature	190	°C	
Load	5	kg	
Mechanical Properties	Value	Unit	Standard
Yield stress	25	MPa	ISO 527
Stress at break	20	MPa	ISO 527
Strain at break	800	%	ISO 527
Flexural modulus, 23°C	1100	MPa	ISO 178
Shore D hardness	64		ISO 7619-1
Thermal Properties	Value	Unit	Standard
Melting temperature, 10°C/min	131	°C	ISO 11357-1/-3
Vicat softening temperature, A	125	°C	ISO 306

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Other Properties	Value	Unit	Standard
Density	951	kg/m <sup>3</sup>	ISO 1183

  

Processing Recommendation Injection Molding	Value	Unit	Standard
Mold temperature	10 - 40	°C	
Zone 1	220 - 275	°C	