

TECHNICAL DATA SHEET

PHARMALENE® ML 70 PH BA

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/m³	ISO 1183

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