

TECHNICAL DATA SHEET

PHARMALENE® BC 82 PH BCA

Versalis S.p.A
 (PE-HD)

Processing

Other extrusion, Blow molding

Delivery Form

Pellets

Chemical 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 BC 82 PH BCA will be bio attributed for 95%.

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	0.25	g/10min	ISO 1133
Temperature	190	°C	
Load	2.16	kg	
Mechanical Properties	Value	Unit	Standard
Yield stress	27	MPa	ISO 527
Stress at break	30	MPa	ISO 527
Strain at break	600	%	ISO 527
Flexural modulus, 23°C	1200	MPa	ISO 178
Shore D hardness	64		ISO 7619-1
Thermal Properties	Value	Unit	Standard
Melting temperature, 10°C/min	132	°C	ISO 11357-1/-3
Vicat softening temperature, A	125	°C	ISO 306
Other Properties	Value	Unit	Standard
Density	954	kg/m ³	ISO 1183

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Processing Recommendation Extrusion	Value	Unit	Standard
Melt temperature	195 - 205	°C	
Zone 1	170 - 180	°C	
Zone 2	185 - 195	°C	