

**Cawiton PR12987B**

(PA\*+ABS)-MX

Wittenburg B.V.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	35	g/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2700	MPa	ISO 527
Tensile Strength	55	MPa	ISO 527
Strain at break	35	%	ISO 527
Charpy impact strength, +23°C	150	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	8	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	7	kJ/m <sup>2</sup>	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Vicat softening temperature, B	105	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1140	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	85	°C	-
Pre-drying - Time	4 - 6	h	-
Mold temperature	40 - 65	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	240 - 260	°C	-
Zone 2	250 - 270	°C	-
Zone 3	250 - 270	°C	-
Nozzle temperature	260 - 280	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Black

**Special Characteristics**

Anti-static, High impact or impact modified

**Features**

Acoustical Barrier Properties, Fatigue Resistance, Laser Markable, Scratch Resistant

**Chemical Resistance**

General Chemical Resistance, Environmental Stress Crack Resistance

**Applications**

Sports Equipment

**Regional Availability**

Europe