

Bergamid™ B70 S Mi40

PA6-MX40

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	8.5	cm ³ /10min	ISO 1133
Temperature	235	°C	-
Load	2.16	kg	-
Melt flow index, MFI	12	g/10min	ISO 1133
Temperature	235	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	4500	MPa	ISO 527
Stress at break	85	MPa	ISO 527
Strain at break	4.5	%	ISO 527
Charpy impact strength, +23°C	90	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	3.5	kJ/m ²	ISO 179/1eA
Electrical properties			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E13	Ohm	IEC 62631-3-2
Other properties			
Density	1490	kg/m ³	ISO 1183

Characteristics**Delivery form**

Pellets

Regional Availability

Europe, Asia Pacific