

EcoLon® 2100-BK1

PA66-(MX+GX)38

Wellman Advanced Materials

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.8	%	ISO 294-4, 2577
Molding shrinkage, normal	1.1	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	111	MPa	ISO 527
Flexural modulus, 23°C	8100	MPa	ISO 178
Flexural strength	170	MPa	ISO 178

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	260	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	205	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1460	kg/m ³	ISO 1183

Characteristics**Certifications**

Recycled Resin Content

Regional Availability

North America

Applications

Automotive