

Product Texts

Alternative for aluminium- and zinc diecast alloys.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	10200	MPa	ISO 527
Stress at break	200	MPa	ISO 527
Strain at break	2.9	%	ISO 527
Flexural modulus, 23°C	9500	MPa	ISO 178
Flexural strength	280	MPa	ISO 178
Charpy impact strength, +23°C	70	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	11	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	255	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	235	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	120	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1360	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	320	°C	-
Mold temperature	100	°C	-
Injection pressure	75	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe, Asia Pacific

Delivery form

Natural Color