

Product Texts

Alternative for aluminium- and zinc diecast alloys.

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.6 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	9800 / 9000	MPa	ISO 527
Stress at break	200 / 135	MPa	ISO 527
Strain at break	2.8 / 2.8	%	ISO 527
Flexural modulus, 23°C	9500 / 9500	MPa	ISO 178
Flexural strength	280 / 230	MPa	ISO 178
Charpy impact strength, +23°C	65 / 65	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	60 / 60	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	11 / 11	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	10 / 10	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	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
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-

Other properties	dry / cond	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

Black