

Product Texts

Alternative for aluminium- and zinc diecast alloys.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
Molding shrinkage, normal	0.3	%	ISO 294-4, 2577

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	19700	MPa	ISO 527
Stress at break	295	MPa	ISO 527
Strain at break	2	%	ISO 527
Charpy impact strength, +23°C	78	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	12	kJ/m ²	ISO 179/1eA

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	238	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	230	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	200	°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

	Value	Unit	Test Standard
Water absorption	3.5	%	Sim. to ISO 62
Density	1650	kg/m ³	ISO 1183

Characteristics**Delivery form**

Black

Regional Availability

Europe, Asia Pacific