

Product Texts

Alternative for aluminium- and zinc diecast alloys.

Processing/Physical Characteristics	dry / cond	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	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	19000 / 19000	MPa	ISO 527
Stress at break	310 / 280	MPa	ISO 527
Strain at break	2.3 / 2.3	%	ISO 527
Flexural modulus, 23°C	20000 / 20000	MPa	ISO 178
Flexural strength	445 / 410	MPa	ISO 178
Charpy impact strength, +23°C	80 / 100	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	19 / 18	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	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	-

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Electric strength	31 / -	kV/mm	IEC 60243-1
Comparative tracking index	600 / -	-	IEC 60112

Other properties	dry / cond	Unit	Test Standard
Water absorption	3.5 / *	%	Sim. to ISO 62
Density	1650 / -	kg/m ³	ISO 1183

Characteristics**Delivery form**

Natural Color

Regional Availability

Europe, Asia Pacific