

**Product Texts**

Alternative for aluminium- and zinc diecast alloys.

<b>Processing/Physical Characteristics</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	0.2 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.3 / *	%	ISO 294-4, 2577

<b>Mechanical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	21000 / 20000	MPa	ISO 527
Stress at break	275 / 225	MPa	ISO 527
Strain at break	2.4 / 2.4	%	ISO 527
Flexural modulus, 23°C	21000 / 21000	MPa	ISO 178
Flexural strength	410 / 360	MPa	ISO 178
Charpy impact strength, +23°C	100 / 100	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	95 / 95	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	19 / 19	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	18 / 18	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Thermal properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melting temperature, 10°C/min	255 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	245 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	193 / *	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-

<b>Other properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
Density	1690 / -	kg/m <sup>3</sup>	ISO 1183

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

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe, Asia Pacific

**Delivery form**

Black