

KITAN B W20 E22A

PA6-MX

MAIP SRL

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Stress at break	50	MPa	ISO 527
Strain at break	10	%	ISO 527
Flexural modulus, 23°C	2600	MPa	ISO 178
Flexural strength	85	MPa	ISO 178
Izod notched impact strength, +23°C	6.5	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Burning rate, FMVSS, Thickness 1 mm	100	mm/min	ISO 3795 (FMVSS 302)

Other properties	Value	Unit	Test Standard
Density	1250	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 12	h	-
Processing humidity	≤0.12	%	-
Melt temperature	230 - 260	°C	-
Mold temperature	70 - 90	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Special Characteristics

High impact or impact modified