

TERMIX B 636/440P

PA6

MAIP SRL

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	39	g/10min	ISO 1133
Temperature	275	°C	-
Load	5	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	34	MPa	ISO 527
Stress at break	90	MPa	ISO 527
Strain at break	4.5	%	ISO 527
Flexural modulus, 23°C	7200	MPa	ISO 178
Flexural strength	120	MPa	ISO 178
Izod notched impact strength, +23°C	9	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	220	°C	ISO 11357-1/-3
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Burning rate, FMVSS, Thickness 1 mm	100	mm/min	ISO 3795 (FMVSS 302)

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 20	h	-
Processing humidity	≤0.1	%	-
Melt temperature	250 - 270	°C	-
Mold temperature	60 - 80	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Special Characteristics

Thermally Conductive