

**MABLEX® 464HI**

(PC+ABS)

Ravago Group

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	17	g/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Yield stress	55	MPa	ISO 527
Stress at break	52	MPa	ISO 527
Strain at break	65	%	ISO 527
Flexural modulus, 23°C	2200	MPa	ISO 178
Izod notched impact strength, +23°C	60	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	43	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	-30	°C	-
Rockwell hardness	R 105	-	ISO 2039-2
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	108	°C	ISO 75-1/-2
Vicat softening temperature, A	126	°C	ISO 306
Vicat softening temperature, B	118	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.2	mm	-
Burning rate, FMVSS, Thickness 1 mm	48	mm/min	ISO 3795 (FMVSS 302)
Glow Wire Flammability Index (GWFI)	750	°C	IEC 60695-2-12
GWFI - thickness tested (1)	2	mm	-
<b>Other properties</b>			
Density	1120	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat

**Regional Availability**

Europe

**Features**

High Gloss