

**DOLOMIOS U H163 U**

(AEPDS+ASA+PMMA)

MAIP SRL

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	2	g/10min	ISO 1133
Temperature	230	°C	-
Load	3.8	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Molding shrinkage, normal	0.6	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Yield stress	45	MPa	ISO 527
Stress at break	40	MPa	ISO 527
Strain at break	6	%	ISO 527
Flexural modulus, 23°C	2300	MPa	ISO 178
Flexural strength	70	MPa	ISO 178
Izod notched impact strength, +23°C	8.5	kJ/m <sup>2</sup>	ISO 180/1A
Rockwell hardness	R 113	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	90 <sup>[ann.]</sup>	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Burning rate, FMVSS, Thickness 1 mm	100	mm/min	ISO 3795 (FMVSS 302)

ann.: annealed

Other properties	Value	Unit	Test Standard
Density	1120	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	85 - 95	°C	-
Pre-drying - Time	6 - 8	h	-
Processing humidity	≤0.08	%	-
Melt temperature	230 - 280	°C	-
Mold temperature	50 - 80	°C	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe

**Special Characteristics**

U.V. stabilized or stable to weather