WARMI 5230 HF

PP-W MAIP SRL

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	**17**	g/10min	ISO 1133
Temperature	**300**	°C	-
Load	**1.2**	kg	-
Molding shrinkage, parallel	**0.7**	%	ISO 294-4, 2577
Molding shrinkage, normal	**0.8**	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	**3300**	MPa	ISO 527
Stress at break	**40**	MPa	ISO 527
Strain at break	**2.6**	%	ISO 527
Flexural modulus, 23°C	**2950**	MPa	ISO 178
Flexural strength	**55**	MPa	ISO 178
Izod impact strength, +23°C	**10**	kJ/m²	ISO 180/1U
Izod notched impact strength, +23°C	**4.2**	kJ/m²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	**107**	°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)
Glow Wire Flammability Index (GWFI)	**650**	°C	IEC 60695-2-12
GWFI - thickness tested (1)	**3**	mm	-

Other properties	Value	Unit	Test Standard
Density	**1000**	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	**90**	°C	-
Pre-drying - Time	**4 - 6**	h	-
Melt temperature	**180**	°C	-
Mold temperature	**40**	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

Europe

Certifications

Contains renewable resources

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