RamOfin PPC571NT

PP Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	**8.4**	g/10min	ISO 1133
Temperature	**230**	°C	-
Load	**2.16**	kg	-
Other Standards[S]			
Molding shrinkage, parallel	**1.2**	%	Producer Method

S: These properties are reported by the producer according standards that are different to our defaults.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	**1860**	MPa	ISO 527
Tensile Strength	**19**	MPa	ISO 527
Yield strain	**3.3**	%	ISO 527
Izod notched impact strength, +23°C	**3.8**	kJ/m²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at 1.5 mm nom. thickn.	**V-0**	class	IEC 60695-11-10
Thickness tested	**1.6**	mm	-
Burning behav. at thickness h	**V-2**	class	IEC 60695-11-10
Thickness tested	**0.8**	mm	-
Glow Wire Flammability Index (GWFI)	**960**	°C	IEC 60695-2-12
GWFI - thickness tested (1)	**1.6**	mm	-

Other properties	Value	Unit	Test Standard
Density	**1050**	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	**80**	°C	-
Pre-drying - Time	**2**	h	-
Processing humidity	**≤0.1**	%	-
Mold temperature	**30 - 60**	°C	-
Feed temperature	**60 - 80**	°C	-
Zone 1	**180 - 190**	°C	-
Zone 2	**180 - 200**	°C	-
Zone 3	**190 - 220**	°C	-

Characteristics

Processing
Injection Molding

Delivery form
Natural Color

Special Characteristics
Flame retardant, Halogen-free, U.V. stabilized or stable to weather

Features
Copolymer

Regional Availability
North America, Europe, Asia Pacific, South and Central America, Near East/Africa