

**RamOfin PPC5003T5NT**

PP-T25

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	23	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
<b>Other Standards<sup>[S]</sup></b>			
Molding shrinkage, parallel	1.0	%	Producer Method
Molding shrinkage, normal	1.1	%	Producer Method

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

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2350	MPa	ISO 527
Tensile Strength	26	MPa	ISO 527
Yield strain	3.6	%	ISO 527
Flexural modulus, 23°C	2200	MPa	ISO 178
Flexural strength	40	MPa	ISO 178
Izod notched impact strength, +23°C	3	kJ/m <sup>2</sup>	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Burning behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	V-2	class	IEC 60695-11-10
Thickness tested	3.0	mm	-

Other properties	Value	Unit	Test Standard
Density	1100	kg/m <sup>3</sup>	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

**Features**

Copolymer

**Delivery form**

Natural Color

**Applications**

Electrical and Electronical

**Special Characteristics**

Flame retardant, Halogen-free

**Regional Availability**

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