

RamOfin PPH505WT55

PP

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	14	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Other Standards^[S]			
Molding shrinkage, parallel	0.6	%	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	1830	MPa	ISO 527
Tensile Strength	32	MPa	ISO 527
Yield strain	6.9	%	ISO 527
Izod notched impact strength, +23°C	3.7	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
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	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	980	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.1	%	-
Mold temperature	30 - 60	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	190 - 200	°C	-
Zone 2	190 - 210	°C	-
Zone 3	210 - 230	°C	-

Characteristics**Processing**

Injection Molding

Features

Homopolymer

Delivery form

White

Certifications

RoHS compliant

Special Characteristics

Flame retardant

Regional Availability

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