

RamOfin PPH300S2OR56

PP-GB10

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	14.5	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1350	MPa	ISO 527
Tensile Strength	25.5	MPa	ISO 527
Yield strain	5.9	%	ISO 527
Strain at break	30	%	ISO 527
Flexural modulus, 23°C	1400	MPa	ISO 178
Flexural strength	40	MPa	ISO 178
Izod notched impact strength, +23°C	4	kJ/m ²	ISO 180/1A

Other properties	Value	Unit	Test Standard
Density	970	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 - 70	°C	-
Feed temperature	60 - 70	°C	-
Zone 1	200 - 230	°C	-
Zone 2	200 - 230	°C	-
Zone 3	200 - 250	°C	-

Characteristics**Processing**

Injection Molding

Features

Homopolymer

Certifications

RoHS compliant

Regional Availability

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