

RamOfin PL300S4BK10

PE-GB20

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	0.3	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
Other Standards^[S]			
Molding shrinkage, parallel	2.7	%	Producer Method
Molding shrinkage, normal	1.4	%	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	700	MPa	ISO 527
Tensile Strength	20	MPa	ISO 527
Yield strain	10	%	ISO 527
Strain at break	100	%	ISO 527
Flexural modulus, 23°C	770	MPa	ISO 178
Flexural strength	20	MPa	ISO 178
Izod notched impact strength, +23°C	12	kJ/m ²	ISO 180/1A

Other properties	Value	Unit	Test Standard
Density	1070	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Mold temperature	10 - 30	°C	-
Zone 1	170 - 190	°C	-
Zone 2	180 - 200	°C	-
Zone 3	190 - 210	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Certifications

RoHS compliant

Regional Availability

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