

RamOfin PL103BL18

(PE-HD)

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	8	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
Other Standards^[S]			
Molding shrinkage, parallel	2.5	%	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	950	MPa	ISO 527
Tensile Strength	25	MPa	ISO 527
Yield strain	10	%	ISO 527
Izod notched impact strength, +23°C	4.5	kJ/m ²	ISO 180/1A

Other properties	Value	Unit	Test Standard
Density	960	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, Other Extrusion

Certifications

Food contact, Food approval 10/2011, Food approval FDA 21 CFR, RoHS compliant

Regional Availability

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