

RamLloy PNS300PWG6CR1
(PPE+PS)-GF30

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	45	cm ³ /10min	ISO 1133
Temperature	300	°C	-
Load	10	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9800	MPa	ISO 527
Tensile Strength	135	MPa	ISO 527
Strain at break	1.7	%	ISO 527
Izod notched impact strength, +23°C	8	kJ/m ²	ISO 180/1A

Other properties	Value	Unit	Test Standard
Density	1280	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.02	%	-
Mold temperature	80 - 100	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	240 - 260	°C	-
Zone 2	260 - 280	°C	-
Zone 3	280 - 300	°C	-

Characteristics

Processing

Injection Molding

Certifications

Drinking water contact

Regional Availability

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