

**Ramotan PU301G6BK10**

PUR-GF30

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>Other Standards<sup>S1</sup></b>			
Molding shrinkage, parallel	0.1	%	Producer Method
Molding shrinkage, normal	0.1	%	Producer Method

S: These properties are reported by the producer according standards that are different to our defaults.

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	3000	MPa	ISO 527
Tensile Strength	78	MPa	ISO 527
Yield strain	12	%	ISO 527
Charpy notched impact strength, +23°C	40	kJ/m <sup>2</sup>	ISO 179/1eA

Other properties	Value	Unit	Test Standard
Density	1450	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	105 - 110	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.02	%	-
Mold temperature	40 - 60	°C	-
Feed temperature	40 - 60	°C	-
Zone 1	200 - 220	°C	-
Zone 2	210 - 230	°C	-
Zone 3	210 - 230	°C	-

**Characteristics****Processing**

Injection Molding

**Certifications**

RoHS compliant

**Delivery form**

Black

**Regional Availability**

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