

## Mimesis DP 301

PET

Selenis Portugal, S.A.

Thermal properties	Value	Unit	Test Standard
<b>Other Standards<sup>S1</sup></b>			
Glass Transition Temperature	85	°C	ASTM D 3418

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

Other properties	Value	Unit	Test Standard
Intrinsic Viscosity	0.78	dl/g	-
Density	1270	kg/m <sup>3</sup>	ASTM D 792
Color L	64	-	CIE
Color b	1	-	CIE
Moisture Content	0.3	%	-
Bulk Density	730	kg/m <sup>3</sup>	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	65	°C	-
Pre-drying - Time	5 - 6	h	-
Processing humidity	≤0.004	%	-
Melt temperature	180 - 250	°C	-

### Characteristics

#### Processing

Other Extrusion, Additive Manufacturing

#### Delivery form

Pellets

#### Features

Amorphous, Low Odor, Melt Strength, Copolymer

#### Certifications

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

#### Applications

Filament for 3D Printing

#### Regional Availability

North America, Europe, South and Central America