

ULTEM™ Resin AUR210G6 - Europe

PEI-GF30

Saudi Basic Industries Corporation (SABIC)

Product Texts

AUR210G6 is a 30% glass fiber filled grade based on ULTEM recycle.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	4.5	cm ³ /10min	ISO 1133
Temperature	337	°C	-
Load	6.7	kg	-

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	7500	MPa	ISO 527
Stress at break	120	MPa	ISO 527
Flexural modulus	6500	MPa	ISO 178

Other properties

	Value	Unit	Test Standard
Density	1530	kg/m ³	ISO 1183

Processing Recommendation Injection Molding

	Value	Unit	Test Standard
Pre-drying - Temperature	150	°C	-
Pre-drying - Time	4 - 6	h	-
Processing humidity	≤0.02	%	-
Melt temperature	370 - 410	°C	-
Mold temperature	140 - 180	°C	-
Feed temperature	80 - 120	°C	-
Zone 1	350 - 400	°C	-
Zone 2	360 - 410	°C	-
Zone 3	370 - 420	°C	-

Characteristics**Processing**

Injection Molding

Applications

Automotive

Certifications

Recycled Resin Content

Regional Availability

Europe