

Xyron™ AG211
(PA*+PPE)-GF10

Asahi Kasei

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	94	MPa	ISO 527
Flexural modulus, 23°C	3700	MPa	ISO 178
Flexural strength	148	MPa	ISO 178
Charpy notched impact strength, +23°C	11	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Coeff. of linear therm. expansion, parallel	50	E-6/K	ISO 11359-1/-2
ASTM Data			
DTUL @ 264 psi	199	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1160	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	110 - 130	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	280 - 300	°C	-
Mold temperature	60 - 120	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe, Asia Pacific