

Ubesta 3030 J19L

PA12

UBE

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	4	g/10min	ISO 1133
Temperature	235	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Molding shrinkage, normal	1.4	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	30	MPa	ISO 527
Yield strain	14	%	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	500	MPa	ISO 178
Charpy notched impact strength, +23°C	90^[P]	kJ/m ²	ISO 179/1eA
Shore D hardness	70	-	ISO 7619-1
Rockwell hardness	R 71	-	ISO 2039-2

P:

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	175	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	44	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	93	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	160	E-6/K	ISO 11359-1/-2

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	1E11	Ohm*m	IEC 62631-3-1

Other properties	Value	Unit	Test Standard
Density	1020	kg/m ³	ISO 1183

Characteristics**Processing**

Other Extrusion

Delivery form

Black

Additives

Plasticizer

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Regional Availability

North America, Europe