

Ubesta 3012 U

PA12

UBE

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	14.1	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	1	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	37	MPa	ASTM D 638
Tensile Strength at Break	50	MPa	ASTM D 638
Elongation at Break	250	%	ASTM D 638
Flexural Modulus	1420	MPa	ASTM D 790
Flexural Strength	55	MPa	ASTM D 790
Rockwell Hardness	R 110	-	ASTM D 785
Izod Impact notched, 1/8 in	37.5	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	145	°C	ASTM D 648
Melting Temperature	178	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.25	%	ASTM D 570
Density	1020	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Natural Color

Special Characteristics

Heat stabilized or stable to heat

Additives

Release agent

Regional Availability

Europe