

UBE Nylon 1013 NW8

PA6

UBE

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.012	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.013	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	80	MPa	ASTM D 638
Tensile Strength at Break	65	MPa	ASTM D 638
Elongation at Break	100	%	ASTM D 638
Flexural Modulus	2850	MPa	ASTM D 790
Flexural Strength	110	MPa	ASTM D 790
Rockwell Hardness	R 120	-	ASTM D 785
Izod Impact notched, 1/8 in	62.5	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
DTUL @ 66 psi	195	°C	ASTM D 648
DTUL @ 264 psi	75	°C	ASTM D 648
Melting Temperature	220	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1140	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Delivery form

Natural Color