

**UBE Nylon 1013 IU50**

PA6

UBE

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.017	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.022	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Break	47	MPa	ASTM D 638
Elongation at Break	200	%	ASTM D 638
Flexural Modulus	1700	MPa	ASTM D 790
Flexural Strength	67	MPa	ASTM D 790
Rockwell Hardness	R 110	-	ASTM D 785
Izod Impact notched, 1/8 in	797	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melting Temperature	215	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1070	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Delivery form**

Black

**Additives**

Release agent

**Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat

**Regional Availability**

Europe