

UBE Nylon 5034 UC2

PA666

UBE

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	80.9	MPa	ISO 527
Yield strain	3.9	%	ISO 527
Stress at break	50.8	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	3350	MPa	ISO 178
ASTM Data			
Rockwell Hardness	R 120	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	192	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	58	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	144	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1140	kg/m ³	ISO 1183

Characteristics**Delivery form**

Natural Color

Chemical Resistance

Oxidation Resistance

Special Characteristics

Heat stabilized or stable to heat

Applications

Packaging

Features

Barrier Properties, Copolymer

Regional Availability

North America, Europe