

# Ultramid® A 3K Q603 (Cond)

Polyamide 66

BASF Corporation

## Product Description

Ultramid A3K Q603 is a general purpose PA6/6.

## General

Material Status	• Commercial: Active
Availability	• North America
Features	• General Purpose
Uses	• General Purpose
RoHS Compliance	• RoHS Compliant
Forms	• Pellets

Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm <sup>3</sup>	ISO 1183
Water Absorption			ISO 62
Saturation, 23°C	8.5	%	
Equilibrium, 23°C, 50% RH	2.5	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1200	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	54.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	25	%	ISO 527-2
Nominal Tensile Strain at Break (23°C)	> 50	%	ISO 527-2
Flexural Modulus (23°C)	1100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	4.0	kJ/m <sup>2</sup>	
23°C	16	kJ/m <sup>2</sup>	
Charpy Unnotched Impact Strength			ISO 179
-30°C	No Break		
23°C	No Break		
Notched Izod Impact Strength (23°C)	14.0	kJ/m <sup>2</sup>	ISO 180

## Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

Dongguan Yi-Ming Plastic Chemical Co., Ltd.

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