

# Ultramid® A3K Q603

## Polyamide 66



### Product Description

Ultramid A3K Q603 is a general purpose PA6/6.

PHYSICAL	ISO Test Method	Property Value	
Density, g/cm <sup>3</sup>	1183	1.14	
Moisture, %	62		
(50% RH)		2.5	
(Saturation)		8.5	
MECHANICAL	ISO Test Method	Dry	Conditioned
Tensile Modulus, MPa	527		
23C		3,000	1,200
Tensile stress at yield, MPa	527		
23C		83	54
Tensile strain at yield, %	527		
23C		5	25
Nominal strain at break, %	527		
23C		25	>50
Flexural Modulus, MPa	178		
23C		2,800	1,100
IMPACT	ISO Test Method	Dry	Conditioned
Izod Notched Impact, kJ/m <sup>2</sup>	180		
23C		5.2	14
Charpy Notched, kJ/m <sup>2</sup>	179		
23C		5.7	16
-30C		4	4
Charpy Unnotched, kJ/m <sup>2</sup>	179		
23C		N	N
-30C		N	N
THERMAL	ISO Test Method	Dry	Conditioned
Melting Point, C	3146	260	-
HDT A, C	75	72	-

### Note

Although all statements and information in this publication are believed to be accurate and reliable, they are presented gratis and for guidance only, and risks and liability for results obtained by use of the products or application of the suggestions described are assumed by the user. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH. Statements or suggestions concerning possible use of the products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. The user should not assume that toxicity data and safety measures are indicated or that other measures may not be required.



BASF Corporation  
Engineering Plastics  
309 Biddle Avenue  
Ypsilanti, MI 48192

