

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	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 ²	180		
23C		5.2	14
Charpy Notched, kJ/m ²	179		
23C		5.7	16
-30C		4	4
Charpy Unnotched, kJ/m ²	179		
23C		N	N
-30C		N	N
THERMAL	ISO Test Method	Dry	Conditioned
Melting Point, C	3146	260	-
HDT A, C	75	72	-

Note

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