

Ultramid® B3S BK00464

Polyamide 6

PHYSICAL	ISO Test Method	Property Value	
Density, g/cm	1183	1.13	
Moisture, %	62		
(50% RH)		3	
(Saturation)		9.5	
RHEOLOGICAL	ISO Test Method	Dry	Conditioned
Melt Volume Rate (275 C/5 Kg), cc/10min.	1133	175	-
MECHANICAL	ISO Test Method	Dry	Conditioned
Tensile Modulus, MPa	527		
23C		3,400	1,200
Tensile stress at yield, MPa	527		
23C		88	45
Tensile strain at yield, %	527		
23C		3.8	20
Nominal strain at break, %	527		
23C		10	>50
Flexural Modulus, MPa	178		
23C		2,900	-
IMPACT	ISO Test Method	Dry	Conditioned
Izod Notched Impact, kJ/m ²	180		
23C		3	-
Charpy Notched, kJ/m ²	179		
23C		4	50
-30C		3	-
Charpy Unnotched, kJ/m ²	179		
23C		250	N
-30C		200	-
THERMAL	ISO Test Method	Dry	Conditioned
Melting Point, C	3146	220	-
HDT A, C	75	65	-

