

# Ultramid® B3WGM24 HPX

## BK23210

### Polyamide 6



#### Product Description

Ultramid B3WGM24 HPX BK23210 is a very high productivity, 30% glass/mineral reinforced heat stabilized injection molding PA6 grade for components that require medium rigidity, excellent dimensional stability, low warpage out of the tool and excellent appearance.

#### Applications

Typical applications include automobile engine covers, housings and automotive door handles.

PHYSICAL	ISO Test Method	Property Value	
Density, g/cm	1183	1.36	
MECHANICAL	ISO Test Method	Dry	Conditioned
Tensile Modulus, MPa	527		
23C		7,900	-
Tensile stress at break, MPa	527		
23C		110	-
Tensile strain at break, %	527		
23C		3.0	-
Flexural Modulus, MPa	178		
23C		7,960	-
IMPACT	ISO Test Method	Dry	Conditioned
Izod Notched Impact, kJ/m <sup>2</sup>	180		
23C		5.2	-
-40C		4.4	-
Charpy Notched, kJ/m <sup>2</sup>	179		
23C		4.4	-
THERMAL	ISO Test Method	Dry	Conditioned
Melting Point, C	3146	220	-
HDT A, C	75	190	-
HDT B, C	75	210	-

