

# Ultramid® 8262G HS BK-125

## Polyamide 6



### Product Description

Ultramid 8262G HS BK-125 is a heat stabilized, pigmented black, 20% glass and mineral reinforced PA6 injection molding compound resulting in a balance of engineering properties with excellent dimensional stability, low warp and good resistance to sink mark formation.

### Applications

Ultramid 8262G HS BK-125 is generally recommended for applications such as automotive housings, brackets, hubs, shrouds and roller bearings

PHYSICAL	ISO Test Method	Property Value	
Density, g/cm	1183	1.29	
Moisture, %	62		
(24 Hour)		1.3	
(50% RH)		2.2	
(Saturation)		7.9	
MECHANICAL	ISO Test Method	Dry	Conditioned
Tensile Modulus, MPa	527		
23C		5,300	-
Tensile stress at break, MPa	527		
23C		100	-
Tensile strain at break, %	527		
23C		3.5	-
Flexural Strength, MPa	178		
23C		160	-
Flexural Modulus, MPa	178		
23C		4,600	-
IMPACT	ISO Test Method	Dry	Conditioned
Izod Notched Impact, kJ/m <sup>2</sup>	180		
23C		4	-
-40C		3	-
Charpy Notched, kJ/m <sup>2</sup>	179		
23C		3.3	-
-30C		3	-
THERMAL	ISO Test Method	Dry	Conditioned
Melting Point, C	3146	220	-
HDT A, C	75	163	-
HDT B, C	75	211	-

### Processing Guidelines

#### Material Handling

