Product Information

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Ultramid® B3WG6 CR BK23210
Polyamide 6

BASF The Chemical Company

Product Description

Ultramid B3WG6 CR BK23210 s a 30% glass fiber reinforced, heat stabilized injection molding PA6 grade for crash relevant applications.

PHYSICAL	ISO Test Method	Property Value	
Density, g/cm	1183	1.36	
Moisture, %	62		
(50% RH)		2.1	
(Saturation)		6.6	
RHEOLOGICAL	**ISO Test Method**	**Dry**	**Conditioned**
Melt Volume Rate (275 C/5 Kg), cc/10min.	1133	30	-
MECHANICAL	**ISO Test Method**	**Dry**	**Conditioned**
Tensile Modulus, MPa	527		
23C		9,500	5,600
Tensile stress at break, MPa	527		
23C		170	100
Tensile strain at break, %	527		
23C		3.4	7.5
IMPACT	**ISO Test Method**	**Dry**	**Conditioned**
Charpy Notched, kJ/m^2	179		
23C		12.5	-
-30C		8.5	-
Charpy Unnotched, kJ/m^2	179		
23C		95	105
THERMAL	**ISO Test Method**	**Dry**	**Conditioned**
Melting Point, C	3146	220	-
HDT A, C	75	205	-

Note

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