Ultramid® HMG13 HS BK-102 (Cond)

Polyamide 6

BASF Corporation

Product Description
Ultramid HMG13 HS BK-102 is a 63% glass reinforced, injection molding, high modulus nylon designed to have high strength and stiffness for metal replacement applications. It also has excellent moldability and outstanding surface appearance.

General			
Material Status	• Commercial: Active		
Availability	• North America		
Filler / Reinforcement	• Glass Fiber Reinforcement, 63% Filler by Weight		
Additive	• Heat Stabilizer		
Features	• Good Abrasion Resistance • Good Chemical Resistance • Good Creep Resistance • Good Dimensional Stability • Good Flow	• Good Moldability • Good Processability • Good Stiffness • Good Surface Finish • Good Thermal Aging Resistance	• Heat Stabilized • High Stiffness • High Strength • Low Viscosity • Semi Crystalline
Uses	• Industrial Applications	• Sporting Goods	
Agency Ratings	• ULC Unspecified Rating		
RoHS Compliance	• RoHS Compliant		
Appearance	• Black		
Forms	• Pellets		
Processing Method	• Injection Molding		

Mechanical	Nominal Value	Unit	Test Method
Tensile modulus	13400	MPa	ISO 527-2 [2]
Tensile Stress (Break)	155	MPa	ISO 527-2 [2]

Notes

[1] Typical properties: these are not to be construed as specifications.

[2] Tested in accordance with ISO 10350. 23°C/50%r.h. unless otherwise noted.