

Product Data Sheet

UTTAP™ - QU BM513 GF

Glass reinforced (13 %) High Temperature Polyamide - Blow Molding grade with excellent chemical resistance, improved flow and high HDT.

Properties*	Standard	Unit	Typical Value
Physical			
Specific Gravity	D 792		1.21
Mold Shrinkage, flow, 3.17 mm		%	0- 0.5
Mold Shrinkage, trans, 3.17 mm		%	0.9-1.1
Mechanical			
Tensile Stress @ yld, 50 mm/min	D 638	MPa.	100
Tensile Strain @ brk, 50 mm/min	D 638	%	4.0
Tensile Modulus, 50 mm/min	D 638	Mpa.	3500
Flexural Stress @ yld, 1.3 mm/min, 50 mm span	D 790	Mpa.	135
Flexural Modulus, 1.3 mm/min, 50 mm span	D 790	Mpa.	4300
Izod Impact, notched @ 23°C	D 256	ft-lb/in	0.70
Thermal			
HDT @ 264 psi, 3.2 mm, unannealed	D 648	°C	230
Rheological			
MFI @ 280 °C / 2.16kgs.	D 1238	gm/10min.	2.0

*All properties are measured after 48 hours of conditioning at 23°C and 50% relative humidity. All samples are prepared according to ASTM standards. Variations within normal tolerances are possible for various types of colors and functional properties like UV resistance.

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