Nylon 6 33% Glass Filled HSL BK

PROPERTY	CONDITIONS	ENGLISH UNITS		SI UNITS		TEST METHOD
		VALUE	unit	VALUE	unit	
		Properties measured dry as molded				
GENERAL						
Color		**Black**				
Moisture	Typical Value	**0.25 max.**	%	**0.25 max.**	%	ASTM D789
Specific Gravity	Typical Value	**1.35--1.42**		**1.35--1.42**		ASTM D792
Melt Point	Typical Value	**410-437**	°F	**210-225**	°C	ASTM D3418
PHYSICAL						
Tensile Strength	Typical Value	**19,000**	psi	**131**	MPa	ASTM D638
Flexural Modulus	Typical Value	**1,100,000**	psi	**7,584**	MPa	ASTM D790
Elongation at Break	Typical Value	**2**	%	**2**	%	ASTM D638
Izod Impact, notched	Typical Value	**1.5**	ft-lb/in	**80**	J/m	ASTM D256
Heat Deflection Temp.	66 psi 264 psi	**415** **338**	°F °F	**213** **170**	°C °C	ASTM D648 ASTM D648
Flammability	Typical Value	**HB**		**HB**		UL 94