



Nylon 6 33% Glass Filled HSL BK

PROPERTY	CONDITIONS	ENGLISH UNITS		SI UNITS		TEST METHOD
		VALUE	unit	VALUE	unit	
		Properties measured dry as molded				
<u>GENERAL</u>						
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
<u>PHYSICAL</u>						
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	415	°F	213	°C	ASTM D648
	264 psi	338	°F	170	°C	ASTM D648
Flammability	Typical Value	HB		HB		UL 94

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