



6233 - HP- HSL-BK

Nylon 6/6 33% Glass Filled –High Performance – Heat Stabilized Lubricated Black

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	23,000	psi	158	MPa	ASTM D638
Flexural Modulus	Typical Value	1,500,000	psi	10,344	MPa	ASTM D790
Elongation at Break	Typical Value	2	%	2	%	ASTM D638
Izod Impact, notched	Typical Value	1.8	ft-lb/in	96	J/m	ASTM D256
Heat Deflection Temp.	66 psi	415	°F	213	°C	ASTM D648
	264 psi	400	°F	204	°C	ASTM D648
Flammability	Typical Value	HB		HB		UL 94

Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Lone Star Chemical does not make, and expressly disclaims, all warranties, including warranties of merchant- ability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, in- formation contained herein is given without reverence to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user.