

# P66.620GFBK-G

## Nylon 66.6 20% Glass Fiber Reinforced Black General Purpose Grade

PROPERTY	CONDITIONS	ENGLISH UNITS		SI UNITS		TEST METHOD
		VALUE	unit	VALUE	unit	
		Properties measured dry as molded				
<b><u>GENERAL</u></b>						
Moisture	Typical Value	0.25 max.	%	0.25 max.	%	ASTM D6980
Specific Gravity	Typical Value	1.28		1.28	H2O=1	ASTM D792
Percent Ash	Range	17 – 23	%	17 – 23	%	ASTM D5630
Mold Shrinkage - Flow ( 0.125 in )	Typical Range	0.003 to 0.006	in / in	0.003 to 0.006	mm/mm	ASTM D955
Melt Point	Typical Value	491	deg. F	255	deg. C	ASTM D3418
<b><u>PHYSICAL</u></b>						
Tensile Strength	Typical Value	16,500	psi	114	MPa	ASTM D638
Flexural Modulus	Typical Value	925,000	psi	6,380	MPa	ASTM D790
Elongation at Break	Typical Value	3	%	3	%	ASTM D638
Operating Conditions (Temperatures Low/High)	Range	-40	Deg. F	180	Deg.F	
<b>Date</b>						<b>4/8/2015</b>
<b>Issued</b>						

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