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Product Information

NYLOY® MG-0023N-V0 BK2

● Nylon 66 ● 34% Glass Fiber Reinforced / Non-Halogen Flame Retardant ● Black

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	kg/cm^2 (MPa)	1350 (132.48)
Elongation	ASTM D638	%	1
Flexural Strength	ASTM D790	kg/cm^2 (MPa)	2000 (196.27)
Flexural Modulus	ASTM D790	kg/cm^2 (MPa)	9.65x10^4 (9470.07)
IZOD Impact, Notched 1/8" 23°C	ASTM D256	kg-cm/cm (J/M)	7.0 (68.63)
IZOD Impact, Notched 1/8" -20°C	ASTM D256	kg-cm/cm (J/M)	-
Hardness Rockwell R Scale	ASTM D785	-	R-117
Hardness Shore D	ASTM D2240	-	-
THERMAL			
Heat Deflection Temp	ASTM D648		
(18.6kg/cm^2) (1.82MPa)		°C	240
(4.6kg/cm^2) (0.46MPa)		°C	-
OTHER			
Density	ASTM D792	g/cm^3	1.420
Mold Shrinkage	ASTM D955		-
Normal		%	1.08
Parallel		%	0.48
Moisture Contents	-	%	-
Flammability	UL-94	1.6mm	-
	UL-94	3.2mm	V0
REMARK			
(1) This data is for reference only.			