



Siccus

PA6-2 BK

Nylon 6 Unfilled General Purpose Black

Physical	Units	English System	Metric System	Comments (ASTM)
Melt Flow	g/10 min	NA	NA	D1238
Reinforcement/Filler	% (ash)	NA	NA	D2584
Density	lb/in ³ (gr/cc)	1.13	1.13	D792
Mechanical				
Tensile Strength	psi (Mpa)	11,100	77	D638
Tensile Elongation	%	30	30	D638
Flexural Strength	psi (Mpa)	14,500	100	D790
Flexural Modulus	psi (Mpa)	479,800	3308	D790
Izod Impact Strength	ft lbs/in (j/m)	0.9	48	D256
Processing Information				
Melt Temperatures	F (°C)	520-560	271-293	
Mold Temperatures	F (°C)	80-140	27-60	

All values displayed on this information sheet are results of data gathered during a conditioned controlled laboratory testing. Laboratory conditions and production condition differences should be taken into consideration when designing parts and/or tooling and/or any other design criteria. Vidal Plastics, LLC. does not guarantee the accuracy of this information nor the impact of this information during regular processing and production of parts and pieces.

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