



Amplus

PC12 G10 0324 BK

Polycarbonate 10% Glass Fiber Reinforced Black

Physical	Units	English System	Metric System	Comments (ASTM)	
Melt Flow	g/10 min	23	23	D1238	
Reinforcement/Filler	% (ash)	10	10	D2584	
Density	lb/in ³ (gr/cc)	1.43	1.43	D792	
Mechanical					
Tensile Strength	@ Yield	psi (Mpa)	8,500	59	D638
Tensile Elongation		%	N/A	N/A	D638
Flexural Strength		psi (Mpa)	N/A	N/A	D790
Flexural Modulus		psi (Mpa)	426000	2937	D790
Izod Impact Strength		ft lbs/in (j/m)	2.3	123	D256
Processing Information					
Melt Temperatures		F (°C)	520-580	270-304	
Mold Temperatures		F (°C)	150-250	66-121	

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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