



## Amplus

PC12 G30 0220 BK

Polycarbonate 30% Glass Fiber Reinforced Black

Physical	Units	English System	Metric System	Comments (ASTM)	
Melt Flow	g/10 min	20	20	D1238	
Reinforcement/Filler	% (ash)	30	30	D2584	
Density	lb/in <sup>3</sup> (gr/cc)	1.43	1.43	D792	
<b>Mechanical</b>					
Tensile Strength	@ Yield	psi (Mpa)	17,000	117	D638
Tensile Elongation		%	N/A	N/A	D638
Flexural Strength		psi (Mpa)	N/A	N/A	D790
Flexural Modulus		psi (Mpa)	990,000	6826	D790
Izod Impact Strength		ft lbs/in (j/m)	2	107	D256
<b>Processing Information</b>					
Melt Temperatures		F (°C)	500-560	260-293	
Mold Temperatures		F (°C)	120-220	50-106	

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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