



**PP12 G20 5 BK**

Polypropylene Homopolymer 20% Glass Fiber Reinforced

<b>Physical</b>	Units	English System	Metric System	Comments (ASTM)
Melt Flow	g/10 min	10	10	D1238
Reinforcement/Filler	% (ash)	20	20	D2584
Density	lb/in <sup>3</sup> (gr/cc)	1.04	1.04	D792
<b>Mechanical</b>				
Tensile Strength	psi (Mpa)	5,600	39	D638
Tensile Elongation	%	3	3	D638
Flexural Strength	psi (Mpa)	14,000	97	D790
Flexural Modulus	psi (Mpa)	570,000	3930	D790
Izod Impact Strength	ft lbs/in (j/m)	1.5	80	D256
<b>Processing Information</b>				
Melt Temperatures	F (°C)	400-450	200-260	
Mold Temperatures	F (°C)	80-140	25-60	

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.

Vidal Plastics, LLC - 616 N Norman Ave - Evansville, IN - 47711  
 ph. 812-492-4330 / fax 812-645-3868 / info@vidalplastics.com