



Solem

PP12 G30 8 BK

Polypropylene Homopolymer 30% Glass Fiber Reinforced

Physical	Units	English System	Metric System	Comments (ASTM)
Melt Flow	g/10 min	9	9	D1238
Reinforcement/Filler	% (ash)	30	30	D2584
Density	lb/in ³ (gr/cc)	1.14	1.14	D792
Mechanical				
Tensile Strength	psi (Mpa)	8,600	59	D638
Tensile Elongation	%	3	3	D638
Flexural Strength	psi (Mpa)	14,000	97	D790
Flexural Modulus	psi (Mpa)	910,000	6274	D790
Izod Impact Strength	ft lbs/in (j/m)	1.8	96	D256
Processing Information				
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.

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