



Solem
PP12 T20 BK

Polypropylene Homopolymer 20% Talc Reinforced General Purpose Black

Physical	Units	English System	Metric System	Comments (ASTM)
Melt Flow	g/10 min	10	10	D1238
Reinforcement/Filler	% (ash)	20	20	D2584
Density	lb/in ³ (gr/cc)	1.04	1.04	D792
Mechanical				
Tensile Strength	psi (Mpa)	4,800	33	D638
Tensile Elongation	%	45	12	D638
Flexural Strength	psi (Mpa)	8,500	59	D790
Flexural Modulus	psi (Mpa)	320,000	2206	D790
Izod Impact Strength	ft lbs/in (j/m)	0.06	3	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 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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