



Solem

PP12 0110 BK

Polypropylene Homopolymer Injection Mold General Purpose Black

Physical	Units	English System	Metric System	Comments (ASTM)
Melt Flow	g/10 min	10	10	D1238
Reinforcement/Filler	% (ash)	N/A	N/A	D2584
Density	lb/in ³ (gr/cc)	0.9	0.9	D792
Mechanical				
Tensile Strength	psi (Mpa)	4,400	30	D638
Tensile Elongation	%	40	12	D638
Flexural Strength	psi (Mpa)	N/A	N/A	D790
Flexural Modulus	psi (Mpa)	205,000	1413	D790
Izod Impact Strength	ft lbs/in (j/m)	0.9	48	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.

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