



Technical Data Sheet

Grade

PC/ABS 1110

Product Description:

Polycarbonate ABS Alloy Black

Physical Properties	Method	English	SI
Specific Gravity	D 792	-	1.120
Melt Flow Rate (230/3.8)	D 1238	-	3.0 g/10 minutes
Melt Flow Rate (260/5.0)	D 1238	-	21 g/10 minutes
Linear Mold Shrinkage (Typical)	D 955	0.006 in/in	0.006 mm/mm

Mechanical Properties	Method	English	SI
Tensile Strength at Yield	D 638	7000 psi	48.28 Mpa
Tensile Elongation at Yield	D 638	4.0 %	4.0 %
Flexural Modulus (Tangent)	D 790	330000 psi	2280 Mpa
Izod Impact (notched)	D 256	10 ft-lb/in	530 J/m

Thermal Properties	Method	English	SI
Heat Deflection Temperature at 264 psi	D 648	208 F	98 C

Processing (Injection Molding)	English	SI
Drying Temperature	200 F	93 C
Drying Time	3 hrs	3 hrs
Max Moisture Content	0.02 %	0.02 %
Rear Barrel Temperature	490 F	254 C
Middle Barrel Temperature	500 F	260 C
Front Barrel Temperature	510 F	266 C
Nozzle Temperature	510 F	266 C
Stock Temperature	500 F	260 C
Mold Temperature	180 F	82 C

Comments:

Values shown are averages and not to be construed as specifications.

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