



Technical Data Sheet

Grade

PET MWR T7200GF30

Product Description:

Polyester (Polyethylene Terephthalate) 30% Glass Fiber Reinforced

Physical Properties	Method	English	SI
Specific Gravity	D 792	-	1.560
Linear Mold Shrinkage With Flow (Typical)	D 955	0.003 in/in	0.003 mm/mm
Linear Mold Shrinkage Across Flow(Typical)	D 955	0.009 in/in	0.009 mm/mm

Mechanical Properties	Method	English	SI
Tensile Strength at Break	D 638	21000 psi	145 Mpa
Tensile Elongation at Break	D 638	5.0 %	5.0 %
Flexural Modulus (Tangent)	D 790	140000 psi	970 Mpa
Izod Impact (notched)	D 256	1.9 ft-lb/in	102 J/m

Thermal Properties	Method	English	SI
Heat Deflection Temperature at 66 psi	D 648	440 F	227 C
Heat Deflection Temperature at 264 psi	D 648	430 F	221 C

Processing (Injection Molding)	English	SI
Drying Temperature	260 F	127 C
Drying Time	3 hrs	3 hrs
Max Moisture Content	0.005 %	0.005 %
Rear Barrel Temperature	530 F	277 C
Middle Barrel Temperature	540 F	282 C
Front Barrel Temperature	550 F	288 C
Nozzle Temperature	550 F	288 C
Stock Temperature	550 F	288 C
Mold Temperature	200 F	93 C

Comments:

none

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

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