



Technical Data Sheet

Grade

MWR TPV9287A

Product Description:

Soft thermoplastic vulcanizate (TPV) grade for injection molding.

Physical Properties	Method	English	SI
Specific Gravity	D 792	-	0.970
Linear Mold Shrinkage (With Flow)	D 955	0.011-0.015	
Linear Mold Shrinkage (Across Flow)	D 955	0.011-0.014	
Mechanical Properties	Method	English	SI
Tensile Strength at Break (across flow)	D 412	2100 psi	14.48 Mpa
Tensile Elongation at Break (across flow)	D 412	300 %	300 %
Hardness, Shore, 15s Delay	D 2240	87 A	87 A
Processing (Injection Molding)		English	SI
Drying Temperature		175 F	79 C
Drying Time		3 hrs	3 hrs
Rear Barrel Temperature		390 F	199 C
Middle Barrel Temperature		400 F	204 C
Front Barrel Temperature		410 F	210 C
Nozzle Temperature		410 F	210 C
Stock Temperature		400 F	204 C
Mold Temperature		100 F	38 C

Comments:

Increasing back pressure will result in improved surface appearance. Drying is not absolutely necessary but will improve the surface appearance.

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

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