



## Technical Data Sheet

Grade

**MWR TPV9273A**

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	0.012-0.016	
Linear Mold Shrinkage (Across Flow)	D 955	0.011-0.015	

Mechanical Properties	Method	English	SI
Tensile Strength at Break (across flow)	D 412	1160 psi	8.00 Mpa
Tensile Elongation at Break (across flow)	D 412	300 %	300 %
Hardness, Shore, 15s Delay	D 2240	73 A	73 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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