

# HP12G



**Description:** Homopolymer General Purpose  
**Features:** Good processability, barefoot, good stiffness, environmental stress crack resistance, heat performance and minimal odor & taste  
**Applications:** Injection Molding: Closures, housewares, toys, small appliances, compounding  
**Regulatory:** FDA-21 CFR 177.1520 (c) 1.1a.

Typical Properties	Values	ASTM Test Method
Melt Flow	12 g/10 min	D1238
Density	0.9 g/cm <sup>3</sup>	D1505
Tensile		D638
Yield Strength	4800 psi	
Yield Elongation	8.0%	
Flexural Modulus		D790
1% Secant	180000 psi	
Tangent	NA	
Deflection Temperature @ 66 psi	212°F	D648
Rockwell Hardness	105 R	D785
Notched Izod Impact Strength @ 73°F	.6 ft-lb/in	D256

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