

## POLYPROPYLENE

### AP5106-HA

- DESCRIPTION:** Impact Copolymer
- FEATURES:** Excellent impact stiffness balance, good mold release.
- APPLICATIONS:** Compression and injection molding: caps and closures

PROPERTY	NOMINAL VALUE	SI UNIT	NOMINAL VALUE	ENGLISH UNIT	ASTM TEST METHOD
Melt Flow Rate	5	g/10 min.			D 1238
Density	0.90	g/cm <sup>3</sup>			D 1505
Tensile Yield Strength Yield Elongation	30 6	MPa %	4400 6	psi %	D 638
Flexural Modulus 1% Secant Tangent	1517 1586	MPa	220 230	Kpsi	D 790
Deflection Temperature @ 66 psi (.455 MPa)	108	°C	228	°F	D 648
Rockwell Hardness			104	R	D 785
Notched Izod @ 23°C	107	J/m	2.0	ft-lb/in	D 256
Gardner Impact @ -30°C	9	J	76	in-lb	D 5420

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#### Regulatory

FDA - 21 CFR 177.1520 (c) 3.2a

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