

## P5M6K-080X

**DESCRIPTION:** Random Copolymer

**FEATURES:** Clarified, Gamma Radiation Sterilizable. **Bovine-tallow free**

**APPLICATIONS:** Injection molding: Disposable Syringes. **This product is not recommended for autoclave sterilization processes in the presence of aqueous solutions.**

PROPERTY	NOMINAL VALUE	SI UNIT	NOMINAL VALUE	ENGLISH UNIT	ASTM TEST METHOD
Melt Flow Rate	27	g/10 min.			D 1238
Density	0.9	g/cm <sup>3</sup>			D 1505
Tensile Yield Strength	31	MPa	4450	psi	D 638
Yield Elongation	14	%	14	%	
Flexural Modulus 1% Secant Tangent	966 1000	MPa	140 145	Kpsi	D 790
Deflection Temperature @ 66 psi (.455 MPa)	81	°C	178	°F	D 648
Rockwell Hardness			85	R	D 785
Haze on 50-mil plaque	13	%	13	%	D 1003
Gardner Impact @ 23°C	27	J	235	in-lb	D 5420

Nov-05

### REGULATORY

Conforms to FDA regulation 21 CFR 177.1520 (c) 3.1a  
USP Class VI

Developmental product values are based on limited data. Product may not be commercially available.  
Contact your Huntsman representative for information.