



# Polypropylene Monofilament



PPMOP4G2Z monofilament yarns are optimized for textile manufacturing, including knitting, weaving and braiding. The monofilament yarns

contain a water soluble spin finish suitable for textile processing and are available in clear and blue colors.

Item	Diameter, in (mm)	Titer, denier	Tenacity, g/d	Elongation, %	Shrinkage @ 120° C, %	Color
PPMOP4G2Z-003	0.003 (0.08)	41	6.0	30	4.0	Clear/Blue
PPMOP4G2Z-004	0.004 (0.10)	65	6.0	30	4.0	Clear/Blue
PPMOP4G2Z-005	0.005 (0.125)	100	6.0	30	4.0	Clear/Blue
PPMOP4G2Z-006	0.006 (0.15)	145	6.0	30	4.0	Clear/Blue
PPMOP4G2Z-008	0.008 (0.20)	257	5.6	30	4.0	Clear/Blue

$$D = \sqrt{d \div (7068.6 \times \rho)}$$

Solve for diameter

*D* = filament diameter, mm

*d* = filament denier

*ρ* = density of polymer, g/cc (0.91 for Polypropylene)

$$d = D^2 \times 7068.6 \times \rho$$

Solve for denier

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