



NETWORK POLYMERS, INC.

NPP 30-0400 MGF30

30% MINERAL & GLASS FILLED

HOMOPOLYMER POLYPROPYLENE

PROPERTIES	ASTM TEST	UNITS ENGLISH METRIC	
PHYSICAL			
Melt Flow Rate - Procedure A Condition L (230°C/2.16 kg)	D-1238	g/10 min	4.0
Filler Content	D-2584	%	30 ± 2
Density	D-792	g/cm ³	1.14
Mold Shrinkage	D-955	in/in	0.004
IMPACT			
Izod Impact, notched Test Method A (.125" bar)	D-256	ft-lb/in J/m	0.8 43
TENSILE			
Tensile Strength @ Yield (chs 2.0 in/min)	D-638	psi MPa	7,600 52
FLEXURAL			
Flexural Modulus Test Method I, Procedure B (chs 0.05 in/min)	D-790	psi MPa	760,000 5,241
THERMAL			
Heat Deflection Temperature 0.125" bar @ 1.8 MPa (264 psi) 0.125" bar @ 0.455 MPa (66 psi)	D-648	°F / °C °F / °C	243 / 117 298 / 148

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