

TYNEA 4250

Acetal (POM) Copolymer

Tyne Plastics LLC.

Message:

Data was measured on natural colored test specimens.

General Information			
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Uses	Thin-walled Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.59	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.90 to 1.3	%	ASTM D955
Water Absorption (24 hr)	0.28	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	80		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	124	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	7580	MPa	ASTM D790
Flexural Strength	165	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (6.35 mm)	69	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	166	°C	
1.8 MPa, Unannealed	163	°C	

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