

POLYFORT® FPP 1642

Polypropylene

A. Schulman Inc.

Message:

PP 70% Barium Sulfate

General Information			
Filler / Reinforcement	Barium Sulfate,70% Filler by Weight		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.05	g/cm ³	ASTM D792
Molding Shrinkage - Flow ¹	1.1	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	17.0	MPa	ASTM D638
Flexural Modulus ³	3900	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	24	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	110	°C	
1.8 MPa, Unannealed	67.0	°C	
Additional Information	Nominal Value	Unit	Test Method
Filler Content	70	%	ASTM D5630
NOTE			
1.	5x7 in plaque		
2.	50 mm/min		
3.	1.3 mm/min		

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