

POLYFORT® FPP 8842U

Polypropylene

A. Schulman Inc.

Message:

PP 20% Talc

General Information			
Filler / Reinforcement	Talc,21% Filler by Weight		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Molding Shrinkage - Flow ¹	0.85 to 0.90	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	21.0	MPa	ASTM D638
Tensile Elongation ³ (Break)	65	%	ASTM D638
Flexural Modulus ⁴	1780	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	180	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	100	°C	
1.8 MPa, Unannealed	53.0	°C	
Additional Information	Nominal Value	Unit	Test Method
Filler Content	21	%	ASTM D5630
NOTE			
1.	5x7 in plaque		
2.	50 mm/min		
3.	50 mm/min		
4.	1.3 mm/min		

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