

POLYFLAM® RPP 1058M

Polypropylene

A. Schulman Inc.

Message:

PP Mineral Flame Retardant PBDE-Free

General Information			
UL YellowCard	E51193-242225	E51193-312298	
Filler / Reinforcement	Mineral,3.5% Filler by Weight		
Features	Flame Retardant		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.960	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	32.0	MPa	ASTM D638
Tensile Elongation ² (Break)	50	%	ASTM D638
Flexural Modulus ³	1800	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	30	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	93.0	°C	
1.8 MPa, Unannealed	54.0	°C	
Flammability	Nominal Value		Test Method
Flame Rating	V-2		UL 94
Additional Information	Nominal Value	Unit	Test Method
Filler Content	3.5	%	ASTM D5630
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	1.3 mm/min		

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