

POLYFLAM® RPP 1477NB

Polypropylene

A. Schulman Inc.

Message:

Extrusion PP Unfilled Flame Retartant PBDE-Free

General Information			
Features	Flame Retardant		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.960	g/cm ³	ASTM D792
Molding Shrinkage - Flow ¹	2.1	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	28.0	MPa	ASTM D638
Tensile Elongation ³ (Break)	160	%	ASTM D638
Flexural Modulus ⁴	1300	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	650	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	85.0	°C	
1.8 MPa, Unannealed	52.0	°C	
Flammability	Nominal Value		Test Method
Flame Rating	V-2		UL 94
NOTE			
1.	5x7 in plaque		
2.	50 mm/min		
3.	50 mm/min		
4.	1.3 mm/min		

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