

**Technical Data Sheet**

***Polyflam* RPP 1477NB-3120 BLACK**



Polypropylene, Unspecified (PP, Unspecified)

**Product Description**

Extrusion PP Unfilled Flame Retardant PBDE-Free

**Processing Method** Extrusion

**Additive** Flame Retardant

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Density - Specific Gravity	0.96	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength at Yield, (50 mm/min)	28.0	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min)	1300	MPa	ASTM D790
Tensile Elongation at Break, (50 mm/min)	160	%	ASTM D638
<b>Impact</b>			
Notched Izod Impact	650	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (264 psi)	52	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	85	°C	ASTM D648
<b>UL Information</b>			
Flame Rating, (Internal Method)	V-2		UL 94