

Technical Data Sheet

**Polyflam RPP 1729 NAT 01**



Polypropylene, Unspecified (PP, Unspecified)

**Product Description**

RPP 1729 is an unfilled, flame retardant, and heat stabilized PP compound. It is well suited for injection molding applications.

<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Heat Stabilized
<b>Additive</b>	Flame Retardant

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	17	g/10 min	ASTM D1238
Density - Specific Gravity	1.03	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Elongation at Yield, (50 mm/min, 23 °C)	140	%	ASTM D638
Tensile Strength at Yield, (50 mm/min, 23 °C)	35.8	MPa	ASTM D638
Flexural Modulus, (2.0 mm/min, 23 °C)	1510	MPa	ASTM D790
<b>Impact</b>			
Notched Izod Impact, (23 °C)	34	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (66 psi)	95	°C	ASTM D648
<b>UL Information</b>			
Flame Rating, (0.8 mm)	V-0		UL 94