

Technical Data Sheet

Polyflam RPP 1729 BLK 31



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.

Processing Method Injection Molding

Attribute Heat Stabilized

Additive Flame Retardant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	17	g/10 min	ASTM D1238
Density - Specific Gravity	1.03	g/cm ³	ASTM D792
Mechanical			
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
Impact			
Notched Izod Impact, (23 °C)	34	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	95	°C	ASTM D648
UL Information			
Flame Rating, (0.8 mm)	V-0		UL 94