

Technical Data Sheet

Polyflam RPP 1058M-31 BLACK



Polypropylene, Unspecified (PP, Unspecified)

Product Description

PP Flame Retardant PBDE-Free

Additive Flame Retardant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	12	g/10 min	ASTM D1238
Density - Specific Gravity	0.96	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield, (50 mm/min)	32.0	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min)	1630	MPa	ASTM D790
Tensile Elongation at Break, (50 mm/min)	50	%	ASTM D638
Impact			
Notched Izod Impact	50	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	54	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	93	°C	ASTM D648
Additional Information			
Filler Content	3.5	%	ASTM D5630
UL Information			
Flame Rating	V-2		UL 94