

Technical Data Sheet

Polyflam RPP 1021 BLACK 31



Polypropylene, Unspecified (PP, Unspecified)

Product Description

PP Unfilled Flame Retardant PBDE-Free

Additive Flame Retardant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	0.93	g/cm ³	ASTM D792
Mechanical			
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)	300	%	ASTM D638
Impact			
Notched Izod Impact	85	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	50	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	83	°C	ASTM D648
UL Information			
Flame Rating	V-2		UL 94