

Technical Data Sheet

**Polyflam 36N5006NG6130GRY**



Polybutylene Terephthalate Alloy

**Product Description**

Polyflam 36N5006NG6130GRY is a Polybutylene Terephthalate Alloy material.

Forms Pellets

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Density - Specific Gravity	1.2	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength at Yield	48.3	MPa	ASTM D638
Flexural Modulus	1970	MPa	ASTM D790
<b>Impact</b>			
Gardner Impact	>36.2	J	ASTM D5420
Notched Izod Impact	800	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (264 psi)	79.4	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	107	°C	ASTM D648
RTI Elec	75	°C	UL 746B
RTI Imp	75	°C	UL 746B
RTI Str	75	°C	UL 746B
<b>UL Information</b>			
Flame Rating, (1.5 mm)	HB		UL 94