

**NRB5430G-BK1**

PA66-GF34

Pontex Polyblend Co., Ltd.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>70</b>	g/10min	ASTM D 1238
Mold Shrinkage, MD	<b>0.25</b>	mm/mm	ASTM D 955

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength	<b>118</b>	MPa	ASTM D 638
Flexural Modulus	<b>9810</b>	MPa	ASTM D 790
Flexural Strength	<b>177</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>78.5</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>3.2</b>	mm	-
DTUL @ 264 psi	<b>240</b>	°C	ASTM D 648

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1420</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Special Characteristics**

Flame retardant, Halogen-free

**Regional Availability**

Asia Pacific