

**POPELEN V-431**

PP

Lotte Chemical Corporation

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>30</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>26.5</b>	MPa	ASTM D 638
Flexural Modulus	<b>1472</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>68.7</b>	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	<b>39.2</b>	J/m	ASTM D 256
Temperature	<b>-10</b>	°C	-
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
DTUL @ 66 psi	<b>115</b>	°C	ASTM D 648
<b>Other properties</b>			
Density	<b>1020</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Special Characteristics**

Flame retardant, Heat stabilized or stable to heat

**Features**

Copolymer

**Applications**

Electrical and Electronical

**Regional Availability**

North America, Europe, Asia Pacific