

**Product Texts**

LNP COLORCOMP JX09403J compound is based on Polyethersulfone (PES) resin. Added features of this grade include: Colorability, Healthcare, Low Extractables.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Modulus	<b>2690</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>88.9</b>	MPa	ASTM D 638
Elongation at Yield	<b>6.5</b>	%	ASTM D 638
Flexural Modulus	<b>2620</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>53</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
DTUL @ 264 psi	<b>200</b>	°C	ASTM D 648

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1370</b>	kg/m <sup>3</sup>	ISO 1183
Density	<b>1370</b>	kg/m <sup>3</sup>	ASTM D 792

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>120 - 150</b>	°C	-
Pre-drying - Time	<b>4</b>	h	-
Processing humidity	<b>≤0.5</b>	%	-
Melt temperature	<b>355 - 370</b>	°C	-
Mold temperature	<b>140 - 150</b>	°C	-
Zone 1	<b>345 - 355</b>	°C	-
Zone 2	<b>360 - 370</b>	°C	-
Screw speed	<b>60 - 100</b>	rpm	-
Back pressure	<b>0.3 - 0.7</b>	MPa	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific