

**Product Texts**

LNP LUBRICOMP WAL34I compound is based on Polybutylene Terephthalate (PBT) resin containing 15% PTFE, 20% aramid fiber. Added features of this grade include: Internally Lubricated, Wear Resistant, Impact Modified

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Stress at break	58	MPa	ISO 527
Strain at break	4.9	%	ISO 527
Flexural modulus	3200	MPa	ISO 178
Izod impact strength, +23°C, 4mm	30	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C, 4mm	6	kJ/m <sup>2</sup>	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	149	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	217	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	58	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	130	E-6/K	ISO 11359-1/-2

Other properties	Value	Unit	Test Standard
Density	1400	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.05	%	-
Melt temperature	240 - 265	°C	-
Mold temperature	80 - 100	°C	-
Zone 1	220 - 230	°C	-
Zone 2	245 - 255	°C	-
Zone 3	260 - 270	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	0.2 - 0.3	MPa	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Europe, Asia Pacific

**Special Characteristics**

High impact or impact modified