

**Product Texts**

KURARITY is non-crystalline block copolymer and does not have melting point.

All the KURARITY grades show similar low temperature properties which result from Tg of poly (n-butyl acrylate) or poly (n-butyl acrylate/2-ethylhexyl acrylate) and heat resistance from Tg of PMMA.

LA series : n-butyl acrylate based block copolymers.

Suitable Applications: For Molding, Compound, Additives.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	4.8	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Charpy notched impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eA
Tensile Strength	15	MPa	ISO 37
Shore A hardness	68	-	ISO 7619-1
Shore D hardness	22	-	ISO 7619-1
<b>Other Standards<sup>[S]</sup></b>			
Stress at 100% elongation	9.3	MPa	ISO 37

S: These properties are reported by the producer according standards that are different to our defaults.

Thermal properties	Value	Unit	Test Standard
<b>Other Standards<sup>[S]</sup></b>			
Thermal Conductivity, solid state	0.15	W/(m K)	ASTM E 1530

S: These properties are reported by the producer according standards that are different to our defaults.

Electrical properties	Value	Unit	Test Standard
<b>Other Standards<sup>[S]</sup></b>			
Dissipation Factor, 60 Hz	0.0288	-	JIS C 2138
Dissipation Factor, 1 MHz	0.0552	-	JIS C 2138
Dielectric Constant, 60 Hz	4.84	-	JIS C 2138
Dielectric Constant, 1 MHz	3.97	-	JIS C 2138

S: These properties are reported by the producer according standards that are different to our defaults.

Optical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Haze	2	-	ISO 14782
<b>Other Standards<sup>[S]</sup></b>			
Light Transmittance	93	%	ISO 13468-1

S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Density	1100	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Extrusion	Value	Unit	Test Standard
Feed temperature	100 - 130	°C	-
Zone 1	140 - 160	°C	-
Zone 2	150 - 170	°C	-
Nozzle temperature	150 - 170	°C	-

**Characteristics****Processing**

Other Extrusion

**Chemical Resistance**

Acid Resistance, Alkali Resistance, Oil Resistance

## Kurarity™ LA2270

TPE

Kuraray Co., Ltd.

### Delivery form

Pellets

### Applications

Automotive, Electrical and Electronical

### Special Characteristics

U.V. stabilized or stable to weather, Transparent

### Regional Availability

North America, Europe, Asia Pacific

### Features

Blending Resin, Low Odor, Copolymer