

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.

LK series : n-butyl acrylate/2-ethylhexyl acrylate based block copolymers.

Suitable Applications: For PSA, Compound, Additives.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	99	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Charpy notched impact strength, +23°C	N	kJ/m ²	ISO 179/1eA
Tensile Strength	3	MPa	ISO 37
Shore A hardness	12	-	ISO 7619-1
Shore D hardness	5	-	ISO 7619-1
Other Standards^[S]			
Stress at 100% elongation	0.73	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
Other Standards^[S]			
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
Other Standards^[S]			
Dissipation Factor, 60 Hz	0.0135	-	JIS C 2138
Dissipation Factor, 1 MHz	0.0694	-	JIS C 2138
Dielectric Constant, 60 Hz	4.58	-	JIS C 2138
Dielectric Constant, 1 MHz	3.95	-	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
ISO Data			
Haze	4	-	ISO 14782
Other Standards^[S]			
Light Transmittance	92	%	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	1040	kg/m ³	ISO 1183

Characteristics**Delivery form**

Pellets

Special Characteristics

U.V. stabilized or stable to weather, Transparent

Features

Blending Resin, Good Adhesion, Low Odor, Copolymer

Chemical Resistance

Acid Resistance, Alkali Resistance, Oil Resistance

Applications

Automotive, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific