

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 PSA, Compound, Additives.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------------|---------|---------------|
| ISO Data | | | |
| Melt flow index, MFI | 64 | 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 | 5.5 | MPa | ISO 37 |
| Shore A hardness | 22 | - | ISO 7619-1 |
| Shore D hardness | 5 | - | ISO 7619-1 |
| Other Standards^[5] | | | |
| Stress at 100% elongation | 1.5 | 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^[5] | | | |
| Thermal Conductivity, solid state | 0.17 | W/(m K) | ASTM E 1530 |

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^[5] | | | |
| 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 | 1080 | 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