

Kraton D1101 K

SBS

Kraton Polymers

Product Texts

Kraton D1101 K is a clear, linear triblock copolymer based on styrene and butadiene with a polystyrene content of 31%.

Processing/Physical Characteristics

| | Value | Unit | Test Standard |
|--------------------------------------|-------|---------|---------------|
| Other Standards^[5] | | | |
| Melt flow index, MFI | 1 | g/10min | |
| Temperature | 200 | °C | - |
| Load | 5 | kg | - |

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

Mechanical properties

| | Value | Unit | Test Standard |
|----------------------------|-------|------|---------------|
| ASTM Data | | | |
| Modulus at 300% Elongation | 2.76 | MPa | ASTM D 412 |
| Shore A Hardness | 69 | - | ASTM D 2240 |
| Tensile Strength | 31.7 | MPa | ASTM D 412 |
| Elongation at Break | 880 | % | ASTM D 412 |

Other properties

| | Value | Unit | Test Standard |
|--------------------------------------|-------|-------------------|---------------|
| Other Standards^[5] | | | |
| Density | 940 | kg/m ³ | ASTM D 4025 |

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

Characteristics

Processing

Coating

Special Characteristics

Transparent

Features

Copolymer

Chemical Resistance

Oxidation Resistance

Regional Availability

North America, Europe, Asia Pacific, Near East/Africa