# KRATON® D1102 B

Styrene Butadiene Styrene Block Copolymer

Kraton Polymers LLC

## Message:

Kraton D1102 B is a clear, linear triblock copolymer based on styrene and butadiene with a polystyrene content of 29.5%. It is supplied from South America in the physical form identified below.
D1102 BT supplied as a dusted pellet
Kraton D1102 B is used as a modifier of bitumen or thermoplastics and in compound formulations. It may also find use as an ingredient in formulating adhesives, sealants and coatings.

| General Information | | | |
|---|---|---|---|
| Additive | Antioxidant | | |
| Features | Block Copolymer | | |
| Uses | Adhesives<br>Coating Applications<br>Sealants | | |
| Appearance | Clear/Transparent | | |
| Forms | Pellets | | |
| **Physical** | **Nominal Value** | **Unit** | **Test Method** |
| Density | 0.940 | g/cm³ | ISO 2781 |
| Apparent Density | 0.40 | g/cm³ | ASTM D1895B |
| Melt Mass-Flow Rate (MFR) (200°C/5.0 kg) | 6.0 | g/10 min | ISO 1133 |
| Solution Viscosity [1] | 900 to 1500 | mPa·s | Internal Method |
| Antioxidant Additive | > 0.10 | % | Internal Method |
| Ash Content - BT | 0.20 to 0.50 | % | ISO 247 |
| Extractables | < 1.0 | % | Internal Method |
| Polystyrene Content | 29 to 31 | % | |
| Volatile Matter | < 0.30 | % | Internal Method |
| **Hardness** | **Nominal Value** | **Unit** | **Test Method** |
| Shore Hardness (Shore A, 15 sec) | 70 | | ISO 868 |
| **Elastomers** | **Nominal Value** | **Unit** | **Test Method** |
| Tensile Stress (300% Strain) | 2.90 | MPa | ISO 37 |
| Tensile Stress (Yield) | 33.0 | MPa | ISO 37 |
| Tensile Elongation (Break) | 880 | % | ISO 37 |
| **NOTE** | | | |
| 1. | Measured on 25% mass solution in toluene at 25°C using a Brookfield viscometer, LTF or LTV model | | |

Recommended distributors for this material

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