# KRATON® G1650 E

Styrene Ethylene Butylene Styrene Block Copolymer

Kraton Polymers LLC

## Message:

Kraton G1650 E is a clear linear triblock copolymer based on styrene and ethylene/butylene, S-E/B-S, with bound styrene of 29.2% mass. It is supplied from Europe in the physical forms identified below.
Kraton G1650 EU - supplied as an undusted fluffy crumb
Kraton G1650 ES - supplied as fluffy crumb dusted with amorphous silica
Kraton G1650 E is used for formulating adhesives and coatings, as base material for compound formulations, as a modifier of thermoplastics and as a modifier of bitumen. The inherent stability of the mid block suggests the use of G1650 E in applications that must withstand weathering and high processing temperatures.

| General Information | |
|---|---|
| Additive | Antioxidant (300 ppm) |
| Features | Antioxidant<br>Copolymer<br>Good Weather Resistance<br>High Heat Resistance |
| Uses | Adhesives<br>Coating Applications |
| Forms | Crumb |

| Physical | Nominal Value | Unit | Test Method |
|---|---|---|---|
| Density | 0.908 | g/cm³ | ISO 2781 |
| Antioxidant Additive [1] | > 0.0300 | wt% | Internal Method |
| Ash Content | 0.4 to 0.6 | wt% | ISO 247-A |
| Polystyrene Content | 28 to 31 | % | Internal Method |
| Total Extractables | < 1.0 | wt% | Internal Method |
| Viscosity - Toluene, 20.0 %w (25°C) | 1.00 to 1.90 | Pa·s | Internal Method |
| Volatile Matter | < 0.50 | wt% | Internal Method |

| Elastomers | Nominal Value | Unit | Test Method |
|---|---|---|---|
| Tensile Stress (300% Strain) | 5.60 | MPa | ISO 37 |
| Tensile Stress (Yield) | 35.0 | MPa | ISO 37 |
| Tensile Elongation (Break) | 500 | % | ISO 37 |

| NOTE | |
|---|---|
| 1. | Primary phenolic antioxidant |



Recommended distributors for this material

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