

K0486
North America

KRATON™ A1535 H Polymer

Data Document

Identifier : K468DDI24U

Description

Kraton A1535 H is a clear, linear triblock copolymer based on styrene and ethylene/butylene with a polystyrene content of 57%. It is supplied from North America in the physical form identified below.

- Kraton A1535 HU - supplied as an undusted powder

Kraton A1535 H is used as a base material for compound formulations and as a modifier of thermoplastics. The inherent stability of the mid block suggests the use of this product in applications that must withstand weathering and high processing temperatures.

Sales Specifications

| Property | Test Method | Units | Sales Specification Range | Notes |
|---------------------|-------------|-------|---------------------------|-------|
| Volatile Matter | KM 04 | %m | <= 0.5 | |
| Antioxidant | KM 08 | %w | 0.03 TO 0.10 | a |
| Total Extractables | KM 05 | %m | <= 1.6 | |
| Polystyrene Content | KM 03 | %m | 56.3 TO 60.3 | b |

a Non-staining phenolic antioxidant.

b Measured on the polymer before hydrogenation.

Typical Properties (These are typical values and may not routinely be measured on finished product)

| Property | Test Method | Units | Typical Value | Notes |
|------------------------|-------------|------------------|---------------|-------|
| Elongation at Break | BAM 1245 | % | >600 | c |
| Melt Index 230°C, 5 kg | ASTM D 1238 | gms/10 min. | <1 | |
| Hardness, Shore A | ASTM D 2240 | Shore A (10 sec) | 83 | |
| Tensile Strength | BAM 1245 | psi | 4000 | c |
| 300% Modulus | BAM 1245 | psi | 1150 | c |

c Measured on solution cast film from toluene.

Packaging

Kraton's products are available in a number of different package types.