



K0631
Asia
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KRATON™ G1726 V Polymer

Data Document

Identifier : K631DDd22A

Description

Kraton G1726 V is a clear, linear triblock copolymer based on styrene and ethylene/butylene with a polystyrene content of 30%. It is supplied from Taiwan in the physical form identified below.

- Kraton G1726 VS - is supplied as a dusted, dense pellet.

Kraton G1726 V is used as a modifier of polymers. It is also suitable as an ingredient in formulating adhesives, sealants and coatings.

Sales Specifications

| Property | Test Method | Units | Sales Specification Range | Notes |
|--------------------------------|-------------|----------|---------------------------|-------|
| Polystyrene Content | KM 03 | %m | 30.0 TO 32.0 | b |
| Vis, Sol (Toluene) 25.0%w @25C | AGAM 922 | cP | 140 TO 220 | |
| Ash | AGAM 908 | %w | 0.01 TO 0.20 | e |
| Melt Flow, 190C/2160g | ASTM D1238 | g/10 min | 15.0 TO 23.0 | |
| Volatile Matter | KM 04 | %m | <= 1.0 | |
| Total Extractables | KM 05 | %m | <= 1.0 | |
| Antioxidant | KM 08 | %m | 0.03 TO 0.10 | a |

- a** Non-staining phenolic antioxidant.
- b** Measured on the polymer before hydrogenation.
- e** Dusted with silica

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

| Property | Test Method | Units | Typical Value | Notes |
|------------------------|-------------|---------------|---------------|-------|
| Tensile strength | ASTM D-412 | psi | 350 | d |
| Diblock content | n/a | | 70 | |
| Styrene / Rubber ratio | n/a | | 30/70 | |
| Hardness | ASTM 2240 | Shore A (10s) | 60 | c |
| Elongation at break | ASTM D-412 | % | 200 | d |
| Specific Gravity | ASTM D 792 | | 0.91 | |

- c** Typical values on polymer compression molded at 220C
- d** Measured on films cast from a solution in toluene.

Packaging

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End Use Requirements

If the finished article is intended for use in food contact and packaging applications, toys, or human contact areas, manufacturers of the final product should observe all relevant regulations. Some of these regulations require tests to be carried out on the final product, e.g. migration. These are the responsibility of the final product manufacturer. Information on the food packaging clearances of individual products is available from Kraton Polymers.

Safety and Handling Precautions

Read the GHS Data Sheet carefully and thoroughly before beginning any work.

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For Further Information

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