K773
North America

# KRATON™ D1184 M

Data Document

Identifier : K773DDa25NA

## Description

Kraton D1184 M is a clear, branched triblock copolymer based on styrene and butadiene, with a polystyrene content of 31%. It is supplied from North America in the physical form identified below.

- Kraton D1184 MF - supplied as a dusted powder
- Kraton D1184 MU - supplied as an undusted powder

## Sales Specifications

| Property | Test Method | Units | Sales Specification Range | Notes |
|---|---|---|---|---|
| Polystyrene Content | KM 03 | %m | 29.0 TO 33.0 | |
| Total Extractables | KM 05 | %m | <= 1.6 | |
| Volatile Matter | KM 04 | %m | <= 1.0 | |
| Solution Viscosity | BAM 922 | cP | 900 TO 1,300 | a |
| Antioxidant | KM 08 | % | 0.15 TO 0.40 | b |

**a** 15%w toluene solution at 25 °C
**b** Non-staining phenolic antioxidant.

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

| Property | Test Method | Units | Typical Value | Notes |
|---|---|---|---|---|
| Specific Gravity | ASTM D 792 | | 0.94 | |
| Diblock content | n/a | | 16 | |
| Elongation at break | ASTM D-412 | % | 820 | b |
| 300% Modulus | ASTM D-412 | psi | 800 | b |
| Tensile strength | ASTM D-412 | psi | 4000 | b |
| Styrene / Rubber ratio | n/a | | 31/69 | |
| Hardness | ASTM 2240 | Shore A (10s) | 68 | a |
| Melt Index 200C, 5 kg | ASTM D 1238 | gms/10 min. | <1 | |

**a** Typical values on polymer compression molded at 350 °F
**b** Measured on films cast from a solution in toluene