



K0387
Japan

KRATON™ DX405 J Polymer

Data Document

Identifier : K387DDh20A

Description

Kraton DX405 J is a clear, linear block copolymer based on styrene and butadiene with bound styrene of 24% mass. It is supplied from Japan in the physical form identified below.

- DX405 JOP - supplied as dusted dense pellets.

Kraton DX405 J is used in formulating adhesives, sealants and coatings and as a modifier of polymers. It is also used in compounds for technical applications.

Sales Specifications

| <u>Property</u> | <u>Test Method</u> | <u>Units</u> | <u>Sales Specification Range</u> | <u>Notes</u> |
|-----------------------|--------------------|--------------|----------------------------------|--------------|
| Volatile Matter | KM 04 | %m | <= 1.00 | |
| Melt Flow, 190C/2160g | ISO 1133 | g/10 min | 2 TO 4 | |
| Ash | ISO 247 | %m | <= 1.0 | |

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

| <u>Property</u> | <u>Test Method</u> | <u>Units</u> | <u>Typical Value</u> | <u>Notes</u> |
|----------------------------|--------------------|----------------------------|----------------------|--------------|
| 300% Modulus | ISO 37 | MPa | 2.0 | |
| Specific Gravity | ISO 2781 | | 0.94 | |
| Hardness, Shore A (30 sec) | ASTM D 2240 | Hardness, Shore A (30 sec) | 55 | |
| Tensile Strength | ISO 37 | Mpa | 16 | |
| Polystyrene Content | KM03 | %m | 24 | |
| Elongation at Break | ISO 37 | % | 1040 | |

Packaging

Kraton's products are available in a number of different package types. For information specific to this grade, please contact your local Kraton representative.