

K0539
Japan

Kraton® D4271 J Polymer

Data Document

Description

Kraton D4271 J is an oil-extended branched block copolymer based on styrene and butadiene, with bound styrene of 45% mass. It is supplied from Japan in the physical forms identified in the grade nomenclature below.

- D4271 JSP - supplied as dusted pellets
- D4271 JS - supplied as dusted crumb

Kraton D4271 J is used for formulating compounds for footwear and general purpose applications and as a modifier of bitumen.

Sales Specifications

Property	Test Method	Units	Sales Specification Range
Volatile matter	2hr / 110 degC	%mass	1.0 max.
Ash	ISO 247	%mass	1.0 max.
Melt Flow, 200°C, 5 kg	ISO 1133	gm/10 min	6.0 - 14.0

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

Property	Test Method	Units	Typical Value
Hardness Shore A, 30 s	ISO 7619		72
Bound styrene		%mass	45
Melt flow rate 200°C/5kg	ISO 1133	g/10 min	10
Specific gravity			0.94
Tensile strength	ISO 37	MPa	16
Elongation at break	ISO 37	%	1,000
300% modulus	ISO 37	%	2.0

Packaging

Kraton polymers are available in a number of different pack types. For information specific to this grade please contact your local Kraton Polymers representative.