

## Kraton® Cariflex IR0401 SU Polyisoprene Rubber Latex

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

### Material Notes:

**Description:** Cariflex IR0401 SU Latex is a water-based emulsion of an anionically polymerized polyisoprene with a high cis-1,4 content, high molecular weight and a high linearity. The emulsion also contains a non-staining antioxidant (typical level of 0.1% mass) on solids and a surfactant. **Region:** Asia Pacific, Europe, Japan, North America, and South America **Uses:** Cariflex IR0401 SU Latex is a synthetic rubber emulsion and can be used as an alternative to natural rubber latex in a variety of applications ranging from dipping to extrusion. It offers specific advantages such as light color, consistency and low levels of impurities. Cariflex IR0401 SU Latex is made under Good Manufacturing Practices, but additional requirements may apply to food contact, pharmaceutical and medical device applications using this material. Reference should always be made to the local legislation regulating these applications. **Applications:** Adhesives, Sealant and Coatings; Compounding and Personal Hygiene; and Medical Information provided by Kraton®

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kraton-Cariflex-IR0401-SU-Polyisoprene-Rubber-Latex.php](http://www.lookpolymers.com/polymer_Kraton-Cariflex-IR0401-SU-Polyisoprene-Rubber-Latex.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.930 g/cc	0.930 g/cc	ISO 2781
Solids Content	>= 63 %	>= 63 %	KM 42
Particle Size	<= 1.8 µm	<= 1.8 µm	Median; SIR-4 (laser diffraction)
pH	9.5 - 12	9.5 - 12	KM 43
Brookfield Viscosity	<= 150 cP	<= 150 cP	SIR-3 (JIS Z8802)
Molecular Weight	1.50e+6 - 2.50e+6 g/mol	1.50e+6 - 2.50e+6 g/mol	KM 49
Ash	<= 0.10 %	<= 0.10 %	KM 35

Thermal Properties	Metric	English	Comments
Melting Point	0.000 °C	32.0 °F	Freezing

Descriptive Properties	Value	Comments
Appearance	Milky White	
Content	1,4-Cis, FTIR	>90%, KM34
	1,4-Cis, NMR	>82%, KM34
	Antioxidant	0.1, KM31
	Gel content	0 percent
	LIV	6.0-7.6 dL/g, KM 33

Descriptive Properties	Value	Comments
	LVN	5.7-9.2 dl/g, KM 33
Odor	Neutral	
T.A.M.C. at drumming	<1000 CFU/ml	USP24 (61)

## Contact Songhan Plastic Technology Co.,Ltd.

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