

Exxon™ Butyl 365S

Rubber

Product Description

Exxon™ Butyl 365S is a copolymer of isobutylene and isoprene. Exxon™ Butyl Rubber is a trademark designating a series of polymers made by copolymerizing isobutylene with small amounts of isoprene.

Key Features

Exxon™ butyl 365S is nonpolar, relatively inert chemically, and is known for its excellent resistance to aging and very low permeability to gases. The grade 365S is a low viscosity, high unsaturation grade used primarily for cable insulation, mechanical goods, and capacitor sealing and blend component with high viscosity butyl polymers for improving processability.

General

Availability ¹	<ul style="list-style-type: none"> ▪ Africa & Middle East ▪ Asia Pacific 	<ul style="list-style-type: none"> ▪ Europe ▪ Latin America 	<ul style="list-style-type: none"> ▪ North America
Appearance	<ul style="list-style-type: none"> ▪ Uniform, white to light amber in color; free of contamination 		
Form(s)	<ul style="list-style-type: none"> ▪ Bale 		
Revision Date	<ul style="list-style-type: none"> ▪ 02/06/2023 		

Resin Properties

	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.91 g/cm ³	0.91 g/cm ³	ASTM D297
Mooney Viscosity ² (ML 1+8, 257°F (125°C))	33 MU	33 MU	ASTM D1646 (mod)
Antioxidant (non-staining)	0.03 wt% min	0.03 wt% min	ExxonMobil Method
Water	0.3 wt% max	0.3 wt% max	ExxonMobil Method
Volatiles	< 0.6 wt%	< 0.6 wt%	ASTM D5668 (mod)
Unsaturation	2.30 mol%	2.30 mol%	ExxonMobil Method
Ash	< 0.4 wt%	< 0.4 wt%	ASTM D5667 (mod)

Additional Information

Storage: All inventory must be stored in dry conditions in an enclosed warehouse, protected from contaminants, and outdoor light exposure (including during shipment and transfers). Shipping Policy: ExxonMobil's policy is to not ship products over 3 years old from the date of production. Packaging: 34+/-0.68kg bales in dispersible EVA film or release film. For material with dispersible film wrap, Vicat softening point less than or equal to 85°C (ASTM 1525-87). Pallets of 36 bales (1224kgs).

Legal Statement

For detailed product compliance information, please contact customer Service.

This product is not intended for use in food contact applications.

This product, including the product name, shall not be used or tested in any medical application without prior written acknowledgement of ExxonMobil Chemical as to the intended use.

Notes

Typical properties: these are not to be construed as specifications.

¹ Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

² MV 2000 or equivalent

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For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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