

THERBAN[®] 4498 VP (Trial Product)

Grade Name

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Product Description

A partially hydrogenated butadiene acrylonitrile copolymer designed primarily for dynamic applications requiring excellent resistance to heat, ozone and non polar hydrocarbon fluids. Sulfur curing systems are used for improved dynamic properties and adhesion to steel and textile reinforcing materials. However, peroxide/coagent systems can be used for improved resistance to heat, compression set and ozone.

Supply Form

Bales

Specifications¹

Characteristics	Limits	Unit	Testing Method
Mooney Viscosity UML 1+4 (100°C)	78 ± 7	MU	ISO 289/ASTM D 1646
Acrylonitrile content	44 ± 1.5	wt %	ISO 24698-1
Residual double bonds	9.0 ± 1.0	%	IR Spectroscopy
Volatile matter	≤ 0.49	wt %	ISO 248/ASTM D 5668

¹For each delivery a Certificate of Analysis (CoA) will be sent, which contains the actual measured values of the specified properties for each batch.

Specific gravity 0.98

Stabilizer Non-staining

Solubility Soluble in MEK

Color Light brown

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Packaging	25 kg bales wrapped in blue PE film, strippable / dispersible (melting point of film = 85 - 110°C, Vicat softening point = 71°C, 0.05 mm thick), pallets of 20 bales (500 kg)
Shelf life	36 months from date of production at temperatures not exceeding 35°C in dry conditions, exposure to light has to be avoided

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