

THERBAN 3406

Product Description

A fully hydrogenated butadiene acrylonitrile copolymer (less than 1% residual doublebonds), which provides vulcanizates with superior resistance to heat, ozone and excellent resistance to non - polar hydrocarbon fluids including those containing aggressive additives. With this level of unsaturation, compounds can only be vulcanized with peroxides or high-energy radiation. The incorporation of a crosslinking co-agent is recommended for optimized physical properties of both unaged and aged vulcanizates.

Supply Form

Bales

Polymer Properties

Property	Nominal Value with Unit	Test Method
Mooney Viscosity ML (1+4) 100 °C	63 MU	ISO 289 / ASTM D 1646
Acrylonitrile Content	34 wt %	ISO 24698-1
Residual Double Bonds	≤ 0,9 %	IR Spectroscopy

Other Product Features

Property	Typical Value with Unit	Test Method
Density	0,95 g/cm ³	Internal Method
Packaging	25 kg bales wrapped in PE film; 20 bales on pallet (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	
Product Safety	Relevant safety data and references as well as the possibly necessary warning labels are to be found in the safety data sheet.	

These raw material properties are typical and, unless specifically indicated otherwise, are not to be considered as delivery specification.

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