ARLANXEO
Performance Elastomers

THERBAN® 3668 VP (Trial Product)

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/coagentsystems can be used for improved resistance to heat and compression set.

Supply Form

Bales

Raw Material Properties

Property	Nominal Value	Unit	Test Method
Mooney Viscosity ML 1+4 (100°C)	80 ± 7	MU	ISO 289/ASTM D 1646
Acrylonitrile content	36 ± 1.5	wt %	ISO 24698-1
Residual double bonds	6 ± 1.0	%	IR Spectroscopy
Volatile matter	≤ 0.5	wt %	ISO 248/ASTM D 5668

Other Product Features

Property	Typical Value		
Specific gravity	0.95		
Total Ash	≤ 0.50	wt %	ISO 247/ASTM D 5667

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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, 0.08 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
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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This is a trial product. Further information, including amended or supplementary data on hazards associated with its use, may be compiled in the future. For this reason no assurances are given as to type conformity, processability, long-term performance characteristics or other production or application parameters. Therefore, the purchaser/user uses the product entirely at his own risk without having been given any warranty or guarantee and agrees that the supplier shall not be liable for any damages, of whatever nature, arising out of such use. Commercialization and continued supply of this material are not assured. Its supply may be discontinued at any time. In other respects, the trial product is subject to our current version of the General Conditions of Sale and Delivery.

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