

# KRYNAC<sup>®</sup> 4450 F

## Product Description Supply Form

Butadiene-acrylonitrile copolymer, cold polymerized, non-staining stabilized  
Bales

## Raw Material Properties

Property	Nominal Value	Unit	Test Method
Mooney Viscosity ML (1+4) 100 °C (unmassed)	50 ± 5	MU	ISO 289/ASTM D 1646
Acrylonitrile content	43.5 ± 1.5	wt %	ISO 24698-1
Volatile matter	≤ 0.5	wt %	ISO 248/ASTM D 5668

## Other Product Features

Property	Typical Value		
Specific gravity	1.00		
Total Ash	≤ 0.7	wt %	ISO 247/ASTM D 5667
Cure Characteristics	Test formulation according to ISO 4658 - Miniature internal mixer (based on IRB 7) MDR 160°C, micro-dies, ± 0.5 degree arc, 30 min running time, no preheat		

Property	Value	Test method
ML	1.6 ± 0.6 dNm	ISO 6502
MH	18.2 ± 3.0 dNm	ISO 6502
t'10	3.5 ± 0.6 min	ISO 6502
t'90	20.2 ± 2.4 min	ISO 6502

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Packaging	25 kg bales, wrapped in dispersible PE film (Vicat softening point 85°C)
Shelf life	24 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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