

PERBUNAN[®] 3945 F

Grade Name	PERBUNAN [®] 3945 F
Product Description	Butadiene-acrylonitrile copolymer, non-staining stabilized
Supply Form	Bales

Specifications¹

Characteristics	Limits	Unit	Testing Method
Mooney Viscosity UML (1+4) 100°C without pre-treatment	45 ± 5	MU	ISO 289/ASTM D 1646
Acrylonitrile content	39 ± 1.0	wt %	ISO 24698-1
Volatile matter	≤ 0.7	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 0.99

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	1.5 ± 0.8 dNm	ISO 6502
MH	21.3 ± 2.5 dNm	ISO 6502
t'10	2.1 ± 0.6 min	ISO 6502
t'90	10.1 ± 3.5 min	ISO 6502

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Packaging	25 kg bales wrapped in dispersable PE film (Vicat point: 85°C / ISO 306)
Shelf life	24 month from date of production at temperatures not exceeding 35°C in dry conditions; exposure to light has to be avoided

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