

# PERBUNAN<sup>®</sup> 3445 C

## Product Description Supply Form

A medium bound acrylonitrile, medium viscosity NBR copolymer  
Bales

## Raw Material Properties

Property	Nominal Value	Unit	Test Method
Mooney Viscosity ML (1+4) 100 °C (unmassed)	40 - 50	MU	ASTM D 1646
Acrylonitrile content	32.5 - 35.5	wt %	
Volatile matter	max. 0.5	wt %	Bayer Inc.

## Other Product Features

Property	Typical Value
Specific gravity	0.97
Total Ash	max. 1.0 wt % ASTM D 5667
Cure Characteristics	Test formulation according to ASTM D 3187 (see below) Curemeter, 160 °C, micro-dies, 1 ° arc, 1.7 Hz (100 cpm) disk oscillation, 30 min running time and no preheat Min. torque, ML -----7.4 dN.m Max. torque, MH -----44.4 dN.m ts1 -----3.4 min t'50 -----4.7 min t'90 -----9.3 min
Test formulation, MIM compound:	Perbunan <sup>®</sup> -----100 (parts by mass) IRB #6 black (N330)-- 40 NBS zinc oxide -----3 NBS stearic acid -----1 Spider sulfur -----1.5 TBBS -----0.7

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Solubility	Solubility in methyl ethyl ketone min. 99 wt % .
Stabilizer	Non-staining
Packaging	25 kg bales wrapped in PE/EVA strippable / dispersible film, 42 bales per pallet
Shelf-life	12 month from date of production at temperatures not exceeding 25 °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 no. 959336.

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

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