



Technical Data Sheet

AGON® BR

HCIS X^(*) 41 HP Butadiene Rubber (*) Experimental Grade

AGON® HCis X 41 HP is a solution high cis polybutadiene produced with an organometallic neodymium catalyst. A non-staining TNPP free antioxidant is added during the production process.

Main Properties	Test Method	Unit	Typical Value
Mooney Viscosity ML1+4(100 °C) unmassed	ASTM D 1646	MU	44
Cis - 1,4 content	Internal Method	% wt	97 min
Volatile matter	ASTM D 5668	% wt	0.75 max
Ash	ASTM D 5667	% wt	0.5 max

The product is free from any nitrosating agent and is essentially free from pre-formed nitrosamines and nitrosable substances.

Key Features

AGON® HCis X 41 HP is an elastomer designed for vulcanized compounds requiring excellent mechanical performances together with low hysteresis. It is recommended in high performance and fuel efficient tyre compounds. Its extremely low glass transition temperature provides enhanced low temperature performances compared to other general purpose rubbers.

Main Applications

Tyre tread and sidewall.

Physical Form

White/amber bales wrapped in easily dispersible polyethylene film.

Packaging

Returnable metal crate, nominal net weight 1260 kg, 35 kg bale, 36 bales per crate (1465x1150xH1123 mm).
Wooden crate IPPC, nominal net weight 1050 kg, 35 kg bale, 30 bales per crate (1530x1145xH1090 mm).

Storage Conditions

Store in a vented, dry area at temperatures between 20°C and 30°C; no direct sunlight.
Shelf life: 18 months minimum.

Please consult the relevant safety data sheet for more detailed information.

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