Technical Data Sheet

AGON®
BR

HCIS X(*) 41 HP BCA
Butadiene Rubber Bio-Circular Attributed
(*) Experimental Grade

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

Sustainability

Bio raw materials can be used in production processes together with traditional raw materials. In order to attribute sustainability characteristics to the final product, Versalis applies the **Mass Balance** approach, an acknowledged methodology that ensures that the sustainability characteristics of the alternative raw material, mixed with traditional naphtha, correspond to those of the final product. BCA products are provided with a **sustainability declaration** indicating the amount of Bio-Circular Attributed component. They guarantee identical performance, quality and properties, as they do not differ in chemical composition and physical-mechanical performance from standard products.

Main Properties	Test Method	Unit	Typical Value
Mooney Viscosity ML 1+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 min
Ash	ASTM D 5667	% wt	0.5 min

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 BCA 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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