Product Data Sheet

CENWAY IIR-532

CENWAY 信汇 Advancing Synthesis

Composition

Copolymer rubber of isobutylene and isoprene

Basic Properties	Unit	Standard	Test Method
Product Form		White to off-white bales	Visual
Mooney Viscosity (ML_{1+8},125℃)	MU	51±5	GB/T1232.1-2000
Volatiles	wt%	≤0.3	GBT 24131-2009 / Q/XH-FX 078-2016
Unsaturation	mol%	1.7±0.2	Q/XH-FX 029-2016
Total Ash	wt%	≤0.3	GB/T 4498-1-2013
Antioxidant (Non-staining)	wt%	≥0.03	Q/XH-FX 030-2016

Cure Characteristics	Unit	Standard	Test Method
F_L	dN·m	3.3±0.9	GB/T16584-1996 Rotorless cure meter (MDR) 160℃ x 40min, 0.5°arc
F_H	dN·m	16.8±1.4	
ts1	min	2.0±1.0	
tc50	min	5.3±2.0	
tc90	min	20.4±3.3	
Test Formulation (phr)	IIR-532 100, IRB#8 50, ZnO 3, St.A 1, Sulfur 1.75, TMTD 1		

Applications

Regular Butyl Rubber IIR-532 has superior air impermeability, outstanding performance of heat-resistance, chemical corrosion-resistance, thermal aging resistance, and good curing performance. It can be widely used for inner tubes of tires, tire envelopes, medical stoppers, sealing materials, ball bladders, building sealants, electrical condensers, etc.

Safety & Toxicity

IIR-532 is a kind of elastomer with stable performances. It is harmless and not dangerous for humans, plants or animals. Please refer to MSDS for relevant safety data and reference.

Packaging

Bale Weight (KG/Bale)	Pallet	Pallet Weight (KG)	Wrapping Film
25±0.5	Plywood Case	1050 (42 Bales)	Modified PE
25±0.5	Metal Case	1200 (48 Bales)	
34±0.5	Metal Case	1224 (36 Bales)	

Storage Life & Conditions

Three years from production date, store & transport below 35℃, no exposure to sunlight.

Statement

Edition: 201601 Issue Date: September 01, 2016

Manufacturer: Zhejiang Cenway Materials Co., Ltd. Add.: Phase 3, Jiaxing Port Area, Zhejiang, China
Sales Center: Cenway Polymer (Shanghai) Co., Ltd. Add.: B-1201, Oriental Financial Plaza, 1168 Century Avenue, Pudong, Shanghai 200120, China
Hotline: +86-400-819-0321 Website: www.elastomer.cn