

Product Data Sheet

CENWAY IIR-532

Composition

Copolymer rubber of isobutylene and isoprene

Basic Properties	Unit	Standard	Test Method
Product Form		Off-white bales	Visual
Mooney Viscosity (ML1+8,125°C)	MU	51±5	GB/T1232.1
Volatiles	wt%	≤0.3	GB/T 24131.2
Unsaturation	mol%	1.7±0.2	Q/XH-FX 029
Total Ash	wt%	≤0.3	GB/T 4498.1
Antioxidant (Non-staining)	wt%	≥0.03	Q/XH-FX 030

Cure Characteristics	Unit	Standard	Test Method
F _L	dN·m	3.3±0.9	GB/T16584
F _H	dN·m	16.8±1.4	
ts1	min	2.0±1.0	Moving Die Rheometer (MDR)
tc50	min	5.3±2.0	
tc90	min	20.4±3.3	
Test Formulation (phr)	IIR-532 100, IRB#8 50, ZnO 3, TMTD 1, Sulfur 1.75		

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 SDS for relevant safety data and reference.

Packaging

Bale Weight (KG/Bale)	Pallet	Pallet Weight (KG)	Wrapping Film
25±0.25	Plywood Box	1050 (42 Bales)	
25±0.25	Metal Box	1200 (48 Bales)	Modified PE
34±0.34	Metal Box	1224 (36 Bales)	

Storage Life & Conditions

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

Statement

This product data sheet was developed pursuant to CENWAY sampling and test procedures. If requested, these test methods are available. Unless otherwise agreed in writing, the data are subject to change without notice. This document may not be distributed, displayed, copied or altered without CENWAY's prior written authorization

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