

Technical Data Sheet

Product: IIR 1953

Description

IIR 1953 is a synthetic rubber with high Mooney viscosity, a copolymer of isobutylene and isoprene.

Application

It is widely used for inner tubes, curing bladders, shoe soles, ball bladders, sealing materials electrical insulating materials, etc.

Specifications

Property/Unit	Specification	Test Method
Appearance	White to light amber solid	Visual
Mooney Viscosity ML (1+8) 125°C (MU)	51±3	GB/T 1232.1-2016
Unsaturation (mol%)	1.7±0.2	GB/T 30922-2014
Volatiles (wt%)	≤0.3	GB/T 24131-2009
Ash Content (wt%)	≤0.2	GB/T 4498.1-2013
Antioxidant (non-Staining) (wt%)	≥0.03	JingBo Method

Curing Characteristics

Property/Unit	Specification	Test Method
FL (dN.m)	3.3±0.9	Compounding method: SH/T 1717 2008 Test condition: SH/T 1717-2008 6.2 Test method: GB/T 16584
FH (dN.m)	16.8±1.4	
ts1 (min)	2.0±1.0	
T50 (min)	5.3±2.0	
T90 (min)	20.4±3.3	

Packaging

Produced in the form of bales 25 kg each, individually packed in low melting PE/EVA/(EVA+PE) composite film without perforation. Bales packed in Plywood case or IBC, 42 bales per box.

Safety

The solid high-molecular polymer with stable and reliable performance, harmless to humans, animals, plants as well as ecology environment. For any relevant safety data, see details in MSDS.

Storage and transportation

The item must be stored in dry and ventilative warehouse and kept out of direct sunlight, moisture and contamination.