

Technical Data Sheet

Product: CIIR 1338

Description

CIIR 1338 is a synthetic rubber with low Mooney viscosity, a chlorinated copolymer of isobutylene and isoprene.

Application

It is widely used for tire inner-liners, anti-corrosive linings, waterproof materials, anti-vibration products, shoe soles,TPV, etc.

Specifications

| Property/Unit | Specification | Test Method |
|--------------------------------------|-----------------------------|---------------|
| Appearance | White to light yellow solid | Visual |
| Mooney Viscosity ML (1+8) 125°C (MU) | 38.0±4.0 | GB/T 1232.1 |
| Chlorine Content (wt%) | 1.25±0.10 | JingBo Method |
| Volatiles (wt%) | ≤0.5 | GB/T 24131.2 |
| Ash Content (wt%) | ≤0.5 | GB/T 4498.1 |
| Antioxidant (non-Staining) (wt%) | ≥0.03 | JingBo Method |

Curing Characteristics

| Property/Unit | Specification | Test Method |
|---------------|---------------|--|
| FL (dN.m) | 2.5±0.8 | Compounding method: ASTM D3958 (IRB 9) Test condition: SH/T 1717-2008-6.2 Test method: GB/T 16584 |
| FH (dN.m) | 8.0±1.2 | |
| ts1 (min) | 1.2±0.8 | |
| T50 (min) | 3.0±1.5 | |
| T90 (min) | 8.0±2.5 | |

Packaging

34 kg per bale, individually packed in low melting PE/EVA/(EVA+PE) composite film. Wooden box or revolving iron box, 36 bales per box.

Safety

Product is a solid polymer with stable performance and is harmless to human beings, animals, plants and ecological environment. See the product MSDS for relevant.

Storage and transportation

The item must be stored in dry and ventilative warehouse and kept out of direct sunlight, moisture and contamination. The storage period is 24 months.