

Technical Data Sheet

Product: SBR-1712

Description

The aromatic oil used is an efficient plasticizer for high molecular weight SBR and results in superior physical and processing properties compared to other oil-extended rubbers.

Application

It is widely used for tires, belts, and other goods compounds where color and staining are not decisive factors.

Specifications

Property/Unit	Specification	Test Method
Appearance	Meet the requirements	Visual
Volatile matter content (%) ≤	0.13	GB/T 24131-2009, hot-mill method
Ash content (%) ≤	0.07	GB/T 4498.1-2013, method A
Organic-acid content (%)	4.97	GB/T 8657-2014, method B
Soap content (%) ≤	0.16	GB/T 8657-2014, method B
Oil content (%)	26.5	SH/T 1718-2015, method A
Bound styrene content (%)	23.66	GB/T 8658-1998
Mooney Viscosity (Raw Rubber), ML (1+4) 100 °C	45-46	GB/T 1232.1 - 2016
Mooney Viscosity (Compound Rubber), ML (1+4) 100 °C ≤	60	GB/T 1232.1 -2016 (ASTM IRB No.8)
Modulus at 300% (145°C, 35 min) (MPa)	11.1	GB/T 8656-2018 formulation 2B (ASTM IRB No.8), GB/T 528-2009 (Type 1 cutters)
Tensile Strength (145°C, 35 min) (MPa) ≥	23.9	
Elongation at break (145°C, 35 min) (%) ≥	545	

Packaging

Produced in the form of bales 35 kg each, individually packed in PE film (thickness: 0.046mm~0.054mm, melting point≤110°C). Bales packed in a separate paper-plastic bag or boxes (36 bales, total 1,26 MT).

Storage and transportation

The item must be stored in dry and ventilative warehouse and kept out of direct sunlight, moisture and contamination. Optimum storage temperature is 10°C~35°C. Storage condition reference GB/T 19188 (ISO 7664, IDT).