

CIS -1.4-Polybutadiene Rubber

(BR) 9000

Manufacturer

Dushanzi Petrochemical Company

Applications

It is a general purpose synthetic rubber for its good cold resistance, abrasion resistance and antiaging resistance. It has low heat generation and high elasticity. It is used to mix with natural rubber to produce tyre tread, conveying belts, coated fabrics and soles.

Package, storage and transportation:

The product is packed in composite paper-plastic bags lined with polyethylene film. The net unit weight is 25kg . It should be stored in cool, clean, dry and well-ventilated warehouse. Outdoor storage and direct sunlight should be prevented. Protect from sun, rain, damage and contamination during transportation.

Specification: GB/T 8659-2008

Item	The quality index			Test method
	Top quality	First class	Onsped	
Volatiles, % ≤	0.50	0.80	1.10	GB/T 8659-2008 AppendixA
Ash, % ≤	0.20			GB/T 4498 method A
Raw rubber Mooney viscosity, ML(1+4) 100°C ≤	41-49	40-50	38-52	GB/T 1232.1-2000
Compound rubber Mooney viscosity, ML(1+4) 100°C ≤	65	67	70	GB/T1232.1-2000 ASTM IRB No.7
300% Modulus(145°C), MPa	25 min	7.0-12.0		GB/T 8660 mixture with method C2, paper knife type 1
	35 min	8.0-13.0		
	50 min	8.0-13.0		
Tensile strength(145°C 35min) , MPa ≥	13,2			
Elongation (145°C 35min) % ≥	330			

Note: It is achromaticity or tint block rubber without scorched particles, sands and mechanical impurities.