

SOLUTION-POLYMERIZED STYRENE BUTADIENE RUBBER (SSRB)R C2564

Manufacturer

Dushanzi Petrochemical Company

Applications

SSBR has become a new general purpose rubber, widely used in tyre and other industries. SSBR features in narrow molecular weight distribution, high CBR content, excellent abrasion resistance and low rolling resistance, thereby solving the wet traction problem with CBR and making it an ideal material for tyre tread. SSBR is in a steady upraise development. Its applications are mainly in tyre tread, conveying belts, rubber shoes, shock proofing products and other industrial rubber products. 80% of SSBR are used in tyres.

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:

Item	The quality index	Test method
	R C 22564	
Appearance	Light tan	Visual inspection
Volatiles, % ≤	0.75	Q/SY DS 0526
Ash, % ≤	0.2	Q/SY DS 0523
Raw rubber Mooney viscosity, ML(1+4) 100°C ≤	45-55	Q/SY DS 0522
Oil % (m/m)	24.3-29.3	Q/SY DS 0525
Total-styrene, (m/m)	23.0-27.0	Q/SY DS 0520
Vingl % (m/m) (1.2-butadiene)	60.0-68.0	
300% Modulus (145°C, 35min.) MPa	Measured	ASTM D 3185-99 (ASTM IRB No.7)
Tensile strength (145°C,35 min). Mpa ≥	Measured	ASTM D 3182-89 ASTM D 412-02
Elongation (145°C,35min). % ≥	Measured	