

Specification

Transfar® BR 9000

Polymerization System - Solution Polymerization

Catalyst - Ziegler Nickel Type

Configuration - 96% cis minimum

Stabilizer - Non-staining

Specific gravity - 0.91

Characteristics - High abrasion resistance, high resilience, good low temperature properties

Application - Tire, footwear, belt, golf ball and other industrial rubber products.

Specification Values

Polymer Properties		minimum	Maximum	Test Method
Mooney Viscosity, ML ₁₊₄ 100°C ^A		41	49	ASTM D-1646
Volatile Matter, %		---	0.50	ASTM D-5668
Ash, %		---	0.20	ASTM D-5667
Compound Properties (Test formula ASTM D-3189; Cure at 145°C)				
Compound Mooney Viscosity, ML ₁₊₄ 100°C		---	65	ASTM D-1646
Tensile Strength, MPa	35min	13.2	---	ASTM D-412
Elongation, %	35min	330	---	ASTM D-412
300% Modulus, MPa	25min	7.0	12.0	ASTM D-412
	35min	8.0	13.0	ASTM D-412
	50min	8.0	13.0	ASTM D-412
Test formula, ASTM D-3189 ^B		PHR		
TRANSFAR® BR9000		100.00		
HAF Black (IRB7#)		60.00		
ASTM Type 103 Petroleum oil		15.00		
Zinc Oxide		3.00		
Stearic Acid		2.00		
TBBS		0.90		
Sulfur		1.50		
Total		182.40		

Package: net weight: 25.0±0.25kg/bag, PE film/ kraft paper bag in bulk or metal box.