

SPECIFICATIONS

Item		Value	Unit	Testing Standard	
Oil absorption (DBP)		199×10 ⁻⁵	m ³ /kg	ASTM D2414 (GB/T 3780.2-2017)	
Iodine number		342	mg/g	ASTM D4607 (GB/T 12496.8-2015)	
Ash content		0.5	%	ASTM D1506 (GB/T 3780.10-2017)	
Specific resistance		4.87	Ω·cm	GB/T 3781.9-2019	
Particle size	D10	33.81	μm	GB/T 41949-2022	
	D50	95.30	μm		
	D90	163.28	μm		
Sieve residue (325 mesh size)		10.51	ppm	ASTM D1514 (GB/T 3780.21-2016)	
Tint strength		76	%	ASTM D3265 (GB/T 3780.6-2016)	
Hardness	Maximum	69	cN	ASTM D5230 (GB/T 14853.6-2013)	
	Average	43	cN		
Statistical thickness surface area (STSA)		346.51	m ² /g	ASTM D6556 (GB/T 10722-2014)	
Carbon black for rubber applications	Vulcanization using rotorless cure meters	TC10	30.5	s	ASTM D5289
		TC90	64.7	s	
		ML	4.6	dN-m	
		MH	20.7	dN-m	
	Hardness		73	Shore A	ASTM D2240
	Tensile strength		13.3	MPa	ASTM D412
	Elongation		379	%	
	Modulus 300%		11.2	MPa	
	Specific gravity after being cured		1.26	g/cm ³	GB/T533
Mooney (FMB)		71.01	mooney	ASTM D1646	

Note: Technical data presented are typical values for reference only. Minor variations to be expected.