

CARBON BLACK N550

TECHNICAL DATA SHEET

Imparts medium abrasion resistance, high strength, low shrinkage and die swell. Provides fast, smooth extrusions and relatively high resilience. Gives high elasticity to rubber, intermediate hardness, increased ability for filing, high profiling properties.

Used in tire carcasses, cushion gum, tubing, sleeves, roof coverings, cable jacketing, plastic conduit compounds, molded articles, framed and breaker rubbers, cables, footwear and in extruded goods requiring excellent dimensional stability.

Properties	Unit	Value	ASTM
Iodine Adsorption Number	g/kg	43±5	D 1510
Oil Absorption Number (OAN)	cc/100g	121±5	D 2414
Heating Loss, max	%	1.0	D 1509
Ash Content, max	%	0.75	D 1506
Sieve Residue #325, max	%	0.1	D 1514
Sieve Residue #35, max	%	0.001	D 1514
Fines Content, max	%	10	D 1508
Pour Density	kg/m ³	360±25	D 1513
pH	-	6-10	D 1512
Tint Strength	%	55±5	D 3265
Toluene Discoloration, min	%	80	D 1618
Pellet Hardness (20 avg)	gf	15-45	D 5230

Packaging:

- 25 kg per paper bag
- 500 kg 1 m super-sacks
- 925 kg 2.1 m super-sacks