

Terrablack 5515

Terrablack 5515 can be used in tyre sidewalls, bead wire fillers, 2/3-wheeler tyres, rubber hoses, molded & industrial rubber goods, weather-resistant profiles, conveyor belts, cables, and calendaring products. This product provides better dispersion, improved profile stability, high elongation and high resilience at relatively high hardness. It is being used in NR, EPDM and NBR rubber compounds.

APPLICATIONS

- Tyre Sidewall
- Gaskets and O-rings
- Weather resistance Profiles
- Mechanical rubber goods
- Profiles
- Extruded Goods

PERFORMANCE

- Provides medium reinforcement
- Better profile stability
- Better processability
- Better Extrusion performance

TYPICAL QUALITY PROPERTIES

Property	Unit	Typical value
NSA	m2/g	40 (+/- 5)
STSA	m2/g	39 (+/- 5)
COAN	ml/100g	85 (+/-5)

PACKAGING

Packing Type	Quantity
Paper bags	25 Kg per bag
Bulk bags	1100 Kg per bag

Tyre Sidewall Compound NR/PBD	Unit	Terrablack 5515	N550-Virgin
Mooney Viscosity ML (1+4), 100°C	MU	54	55
Tensile Strength	MPa	18.7	18.5
Elongation at Break, %	%	622	632
300% Modulus	Mpa	8.5	8.3
Hardness	Shore-A	62	62
Payne effect(G', 1-10%)	kPa	146	142

PRODUCT FORM AND SAFETY DATA

- The product is in the form of pellet with less fines content
- Safety data sheet provides the guidelines for handling and usage

TECHNICAL AND SALES CONTACT

HEAD OFFICE

Upadrastha House, 48, Dr. V. B. Gandhi Marg,
Fort, Mumbai – 400023 INDIA

+91-22-22712800

enquiry@epsiloncarbon.com