



ORIENT BLACK®P435

FURNACE BLACK

PRODUCT DESCRIPTION

Orient Black P435 is a high purity, medium surface area and high structure fast extruding reinforcing filler which provides high modulus with excellent extrusion surface finish.

APPLICATION

Orient Black P435 can be used as reinforcing filler in extrudates like profiles and hoses. It imparts moderate compound viscosity as well as low die swell with excellent processing properties.







RECOMMENDED APPLICATION

Highly recommended

Recommended under advice

Not recommended

Performance

Passenger Car Tread

PVC Pipes

Inner Liner and Tubes

Profiles

Hoses and Hose Covers

Carcass

Wire Coat

Belting

OUALITY PARAMETERS

Property	Unit	Typical value	Test method
Nitrogen Surface Area	m²/g	40	ASTM D6556
Iodine Adsorption No.	g/kg	44	ASTM D1510
OAN	cm/100g	123	ASTM D2414
COAN	cm³/100g	85	ASTM D3493
Tint Strength	Tint Unit	60	ASTM D3265
Sieve Residue at #325	ppm	≤50	ASTM D1514
Ash Content	%	≤0.5	ASTM D1506
Heating Loss	%	≤1.0	ASTM D1509

PACKAGING

Packaging mode	Per unit qty. (kg)	No. of bags/40 ft. container
Paper Bag	25	880
Big Bag (FIBC)	1000	22

PRODUCT SAFETY

- Product is REACH registered
- · Refer to SDS for handling purpose

PCBL Limited

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