

Orion Engineered Carbons PUREX® HS 45-RP Carbon Black

Category : Carbon , Carbon Black

Material Notes:

Carbon black grade for manufacture of mechanical rubber goods such as extruded profiles and seals
Information provided by Orion Engineered Carbons.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Orion-Engineered-Carbons-PUREX-HS-45-RP-Carbon-Black.php

Physical Properties	Metric	English	Comments
Bulk Density	0.365 g/cc	0.0132 lb/in ³	Pour Density; ASTM D 1513
Oil Absorption	85 %	85 %	(ml/100 g); Compressed Sample; ASTM D 3493
	121 %	121 %	(ml/100 g); ASTM D 2414
Loss On Ignition	<= 0.50 %	<= 0.50 %	Heating Loss; ASTM D 1509
Specific Surface Area	39 m ² /g	39 m ² /g	Statistical thickness surface area; ASTM D 6556
Iodine Absorption Number	43	43	mg/g; ASTM D 1510

Descriptive Properties	Value	Comments
Fines	< 7.0 %	ASTM D 1508
Individual Pellet Hardness	< 40 g	ASTM D 5230, average 1.4 - 1.7 mm
Sieve Residue	< 50 ppm	ASTM D 1514

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