

## TIMCAL ENSACO™ 150G Conductive Carbon Black

Category : Carbon , Carbon Black , Other Engineering Material , Additive/Filler for Polymer

### Material Notes:

ENSACO™ & SUPER P™ conductive carbon blacks are carbon blacks with a high to very high void volume allowing the retention of a carbon network at low to very low filler content. The void volume can originate from the interstices between the carbon black particle due to their complex arrangement and from the porosity. Applications: black pigment UV stabilizer rubber reinforcement Information provided by TIMCAL

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_TIMCAL-ENSACO-150G-Conductive-Carbon-Black.php](http://www.lookpolymers.com/polymer_TIMCAL-ENSACO-150G-Conductive-Carbon-Black.php)

Physical Properties	Metric	English	Comments
Density	0.190 g/cc	0.00686 lb/in <sup>3</sup>	Pour Density
Volatiles	<= 0.20 %	<= 0.20 %	Weight loss during heating between 105 and 950°C; Internal Method 02
Oil Absorption	165 %	165 %	OAN (Oil Absorption Number) ml/100g; ASTM D2414
Particle Size	45 µm	45 µm	2 ppm sieve residue; ASTM D1514-01
pH	8.0 - 11	8.0 - 11	ASTM D1512
Specific Surface Area	50 m <sup>2</sup> /g	50 m <sup>2</sup> /g	BET Nitrogen Surface Area; ASTM D3037
Ash	0.10 %	0.10 %	ASTM D1506

Component Elements Properties	Metric	English	Comments
Sulfur, S	<= 0.50 %	<= 0.50 %	ASTM D1619

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 2000 ohm-cm	<= 2000 ohm-cm	25% carbon black in HDPE; Internal Method 11

Processing Properties	Metric	English	Comments
Moisture Content	0.10 %	0.10 %	as packed; ASTM D1509

Descriptive Properties	Value	Comments
Aspect	Fine black granules	
COAN (Crushed OAN) ml/100g	95	ASTM D3493
Toluene Extract, Max, %	0.1	ASTM D4527

## **Contact Songhan Plastic Technology Co.,Ltd.**

**Website : [www.lookpolymers.com](http://www.lookpolymers.com)**

**Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)**

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**