



# P701 GAS CARBON BLACK GRANULATED

## PRODUCT INFORMATION

### Applications

P-701 gas carbon black is a general-purpose material for broad range of applications. It offers high loading opportunities by keeping high elasticity. Gas process production offers high purity of the product. These properties and in addition good viscosity allow using P-701 carbon black for a variety of applications:

- Opacity and tinting applications for plastics and coatings
- General purpose extruded and molding plastics
- General dispersions
- Isolation cable rubber, profiled rubber products, conveyor bands
- Masterbatches
- Paints

### Performance Features

P701 gas carbon black enables a cost-effective way for applications where the high purity is needed. The other properties of P701 carbon black are very similar to N772 ASTM grade.

### Properties of P-701 carbon black

Properties	Test method	P701 granulated
DBPA absorption number cc/100g	ASTM D-2414	65±5
BET surface area, m <sup>2</sup> /g	ASTM D-6556	36±3
Iodine adsorption number, mg/kg	ASTM D-1510	21÷27
Sieve residue on 045(325 Mesh USStd),PPM	ASTM D-1514	≤ 30
Sieve residue on 050(350 Mesh USStd),PPM	ASTM D-1514	≤ 60
pH	ASTM D-1512	10,3
Ash content, max %	ASTM D-5630	0,48
Pour density, min, kg/m <sup>3</sup>		≥420
Heat loss,%	ASTM D-1509	0,17

The data in the table above are typical values; they are not product specifications.



ADL Pacific Limited  
604, Tower A, New Trade Plaza, 6 On Ping Street,  
Shatin, N.T., 999007 Hong Kong  
E-mail: pacific@adlnrg.com

ADL-NRG GmbH  
Matiellistraße 3/24, 1040 Vienna,  
Austria  
Phone: +43 664/9422253  
E-mail: office@adlnrg.com