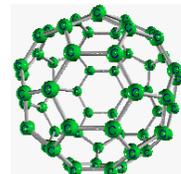




MER Fullerene Products



Item: Fullerene Soot

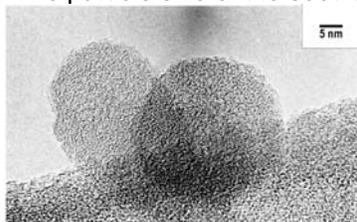
Catalog# MRST

Description: As-produced carbon soot prepared by the Kraetschmer-Huffman arc process. MER fullerene soot is guaranteed to yield over 7 wt% fullerenes when extracted with toluene. Typical composition of the extract is 75% C₆₀, 22% C₇₀, 3% higher-order fullerenes. The particle size of the soot is 0.02 to 10 microns. Powder density is about 0.05 grams/cc.

Prices for As-produced Fullerene Soot, Catalog# MRST.

Up to 100 grams \$3.00 per gram

Over 100 grams \$2.00 per gram



Item: Refined Mixed Fullerenes

Catalog# MRMF

Description: Fullerene extracted from arc-produced carbon soot. The fullerene mixture (also known as ("fullerite") is a dark-brown amorphous powder that is soluble in toluene, benzene, carbon disulfide and other fullerene-friendly solvents. Fullerene composition is approximately 75% C₆₀, 22% C₇₀ and 3% higher-order fullerenes (C₇₆, C₇₈, C₈₄ and others). Powder density is about 0.8 g/cc.

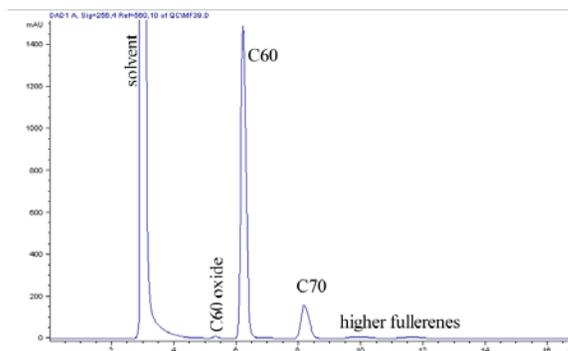
Prices

1-10 grams \$20.00 per gram

11 to 100 grams \$18.00 per gram

MRMF

Over 100 grams \$15.00 per gram



Typical HPLC Chromatogram of

Item: Fullerene C₆₀, 99+%

Catalog# MR6LP

Description: Over 99% pure C₆₀ produced by chromatography. The product is a dark brown powder with powder density of about 0.8 g/cc. Impurities include C₇₀ and C₆₀ oxides. The material may also contain up to 0.2% adsorbed solvent.

Prices

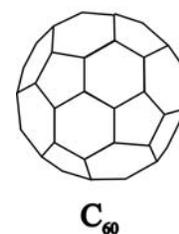
1-10 grams \$40.00 per gram

11-50 grams \$30.00 per gram

51-100 grams \$25.00 per gram

over 100 grams \$20.00 per gram

7 Å diameter



C₆₀

Item: Fullerene C₆₀, 99.9%

Catalog# MR6HP

Description: 99.9% or higher C₆₀ produced by chromatography and sublimed to remove traces of solvent and other contaminants. The product is a black crystalline powder with powder density of about 0.8 g/cc. Impurities are traces of C₇₀ and C₆₀ oxide.

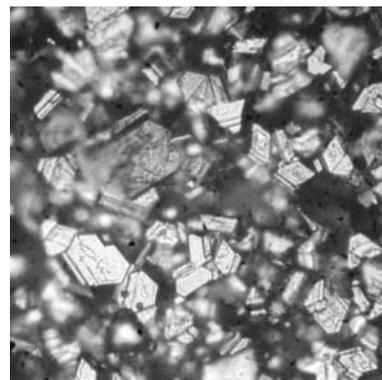
Prices

1-5 grams \$75.00 per gram

6-25 grams \$65.00 per gram

26-100 grams \$60.00 per gram

over 100 grams \$50.00 per gram



Optical Micrograph of MR6HP (100X)



MER Fullerene Products

Item: 95+% C₇₀

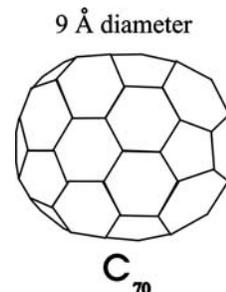
Catalog# MR7LP

Description: C₇₀ produced in the arc, then purified to over 95% by chromatography.

The material is a dark brown powder with powder density of about 0.8 g/cc.

Impurities include C₆₀, higher order fullerenes and fullerene oxides. The product

may contain up to 0.2% absorbed solvent.



Prices

1 gram	\$280
2-5 grams	\$270.00 per gram
6-25 grams	\$250.00 per gram
over 25 grams	ask

Item: 99+% C₇₀

Catalog# MR7HP

Description: 99% or higher purity C₇₀ produced in the arc, purified by chromatography, then sublimed to remove traces of solvent and other contaminants. The product is a black crystalline powder with powder density of about 0.8 g/cc. Impurities are traces of higher fullerenes and C₇₀ oxide.

Prices:

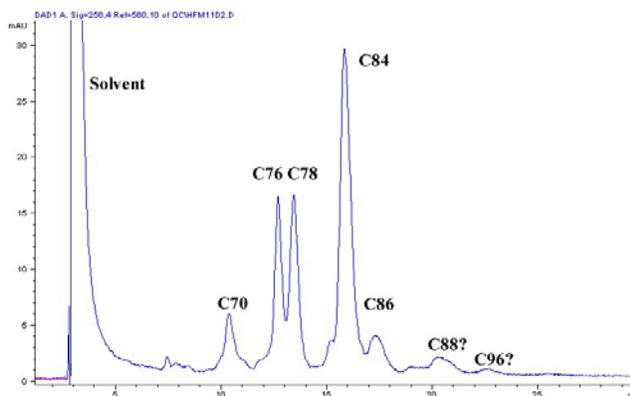
1 gram	\$400.00
2-5 grams	\$350.00 per gram
6-25 grams	\$325.00 per gram
over 25 grams	ask

Item: Higher-Order Fullerene Mixture

Catalog# MRHF

Description: Mixture of higher-order fullerenes produced by chromatography. Typical composition is around 20% C₇₆, 20% C₇₈, 40% C₈₄, with other higher-order fullerenes. A HPLC chromatogram is supplied with the material to indicate approximate distribution of fullerenes. Limited quantities are available.

Price: \$3.00 per mg



Typical HPLC Chromatogram of MRHF

Please fax purchase orders to MER Corporation Nanotubes at ++(520) 574-1983.

Payment in US\$ is due 30 days after receipt of the invoice. Payment accepted by check, money order, EFT or major credit card. Call or email for payment instructions.

Please email, call or write if you need a formal quotation, delivery estimate or if you have questions.

Timothy Lowe, Ph.D.

Materials and Electrochemical Research (MER) Corporation

7960 South Kolb Road

Tucson, AZ 85706

Tel. (520) 574-1980 Ext. 128

Fax (520) 574-1983

email fullerenes@mercorp.com

website: www.mercorp.com