



POLYCARBONFLUORIDES

Rosatom Chemical specializes in the development and production of chemical products and technologies across a wide range of fields.

(CF_x) — Fluorinated carbon compounds of the type (CF_x)_n.

Various degrees of fluorination of the carbon matrix and the use of different carbon modifications are possible.

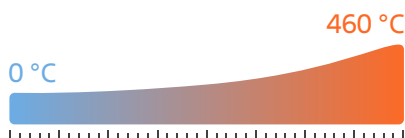


APPLICATION AREAS

Anti-friction component of lubricants



- Wear reduction
- Heat resistance (up to 460°C)



Cathode material component



- +15% capacity increase in primary batteries when using CF_x**
- Improved fire safety and thermal stability of the battery

+15 %

Technical specifications



Item	Value	Note
Fluorine content, wt.	% 45–60	Any fluorine content within this range can be provided upon agreement with the customer
Average particle size, μm.	1–50	Can be adjusted upon agreement with the customer

** Based on the results of in-house research in comparison with CF_x from other manufacturers.

