

NS6130-12-000144B

POLYVINYLIDENE FLUORIDE

Nanopowder

Quick Facts

Product	:	PVDF
Stock No	:	NS6130-12-000144B
CAS	:	28960-88-5
Molecular Formula	:	$(-\text{CH}_2\text{CF}_2)_x[-\text{CF}_2\text{CF}(\text{CF}_3)-]_y$
Molecular Weight	:	Avg. Mw 400 by GPC
Purity	:	99.9%

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Poly(vinylidene fluoride) (PVDF) and its copolymers are key polymers, displaying properties such as flexibility and electroactive responses, including piezoelectricity, pyroelectricity, and ferroelectricity. In the past several years, they have been applied in numerous applications, such as memory, transducers, actuators, and energy harvesting.

It can be used in sensors, actuators, for energy storage, sphygmomanometers, pressure sensors and nanogenerators, lithium ion batteries.



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