

## Tefzel® 2195

Ethylene Tetrafluoroethylene Copolymer

DuPont Fluoropolymers

### Описание материалов:

DuPont™ Tefzel ® 2195 fluoropolymer is a premium-grade resin designed for use in rotational molding. To be effective as a rotational molding resin, Tefzel ® 2195 is a free-flowing powder, with controlled particle size, shape, and size distribution.

The properties of Tefzel ® 2195 in molded form are similar to other grades of Tefzel ® fluoropolymer resin.

Rotational molding is a favored process for making hollow parts (particularly large parts) or for parts with complex geometries. Depending on part design and processing conditions, Tefzel ® 2195 can also be used to rotoline items, whereby the Tefzel® binds to the inner surface of the part to form a lining.

Properly processed rotational moldings made from Tefzel ® 2195 provide the superior properties typical of the fluoropolymer resins: retention of properties after service at 150°C (302°F), useful properties at -100°C (-148°F), and chemical inertness to most industrial chemicals and solvents. Molded products have excellent stiffness and high ultimate elongation.

Statements, or data, regarding behavior in a flame situation are not intended to reflect hazards presented by this or any other material when under actual fire conditions.

### Typical End Products

Tefzel ® 2195 is ideal for many end products for fluid handling in the chemical processing industries, including pump housings, vessels, columns, elbows, tees, and pipe sections with unusual shapes. In addition, any hollow structure with internal contours that permits uniform coating by powder flow is a candidate for lining, provided it can withstand high temperatures.

Главная Информация			
Характеристики	Сополимер Хорошая химическая стойкость Высокое удлинение Высокая жесткость Устойчивость к растворителям		
Используется	Корпуса Детали Насоса		
Формы	Порошок		
Метод обработки	Ротационное формование		
Физический	Номинальное значение	Единица измерения	Метод испытания
Удельный вес	1.72	g/cm <sup>3</sup>	ASTM D792
Видимая плотность	0.75	g/cm <sup>3</sup>	Internal Method
Массовый расход расплава (MFR) (297°C/5.0 kg)	20	g/10 min	ASTM D3159
Поглощение воды (24 hr)	< 0.030	%	ASTM D570
Средний размер частиц	270	µm	
Максимальная температура обслуживания <sup>1</sup>	150	°C	
Тепловой	Номинальное значение	Единица измерения	Метод испытания
Температура плавления	253	°C	ASTM D3418

CLTE-Поток (0 to 100°C)	9.0E-5	cm/cm/°C	ASTM D696
-------------------------	--------	----------	-----------

## NOTE

The upper service temperature is based on heat-aging tests and represents the temperature at which tensile strength and elongation would be expected to be diminished 50% after 10,000 hr thermal aging. Upper service temperatures above 150°C (302°F) may be feasible, depending on such factors as chemical exposure and support from the substrate. Particularly when considering uses of Tefzel ® 2195 above 150°C (302°F), perform preliminary testing to verify the acceptability.

1.

\* Отказ от ответственности: Информация на этой странице предоставлена производителем, и поставщик документа не несет никакой юридической ответственности. Все права защищены. Пожалуйста, немедленно свяжитесь с нами в случае каких-либо нарушений.

## Свяжитесь с нами

### Susheng Import & Export Trading Co.,Ltd.

Телефон: +86-021-58958519

Мобильный телефон: +86-13424755533

Email: sales@su-jiao.com

Адрес: Господин Чжао

Район Фэнсянь, Шанхай, Китай



WeChat