

Tecnoflon® PFR 95

Perfluoroelastomer

Solvay Specialty Polymers

Описание материалов:

Tecnoflon® PFR 95 is a perfluoroelastomer (FFKM) offering wide operational range and superior compression set resistance, thanks to its unique peroxide curing system that does not need any coagent (TAIC or equivalent) for curing to be carried out.

Thanks to its curing system, it can offer a very broad chemical resistance in a wide variety of media including acids, caustics, ketones, aldehydes, esters, ethers, methanol, solvents, sour gases, hydrocarbons, steam, hot water and mixed process streams along with excellent thermal resistance.

Tecnoflon® PFR 95 is suitable for most applications in temperature ranging from -10 °C to 280 °C.

Tecnoflon® PFR 95 can be combined with other typical fluoroelastomer compounding ingredients; its mixing can be accomplished with two-roll mills or internal mixers. Finished goods may be produced by a variety of rubber processing methods.

The primary use for Tecnoflon® PFR 95 is the manufacturing of any kind of elastomeric sealing element such as O-rings, gaskets, valve bodies, butterfly valves, pump housings and stators, metal bonded parts, diaphragms, profiles, etc. These sealing elements can be used in mechanical seals, pumps, compressors, valves, reactors, mixers, sprayers, dispensers, quick connect couplings, controls, instrumentation, etc. in chemical and petrochemical industry, hydrocarbon processing, petroleum exploration and extraction, food processing, pharmaceutical and bio-analytical industry, aerospace and semiconductor manufacturing industries.

Tecnoflon® PFR 95 is registered in the FDA Inventory of Effective Premarket Notifications for Food Contact Substances. It can be compounded so that the finished gaskets or seals can be used in food processing equipments (see "food processing compounds" section below).

Tecnoflon® PFR 95 is marketed in the form of raw polymer (1 kg box) in order to give the transformer the freedom and the opportunity to develop and fine-tune compounds and items best suited to produce high performance rubber articles such as O-rings, seals, diaphragms and other parts used in process industries.

Главная Информация

Характеристики	Кислотоупорный
	Устойчивость к воздействию алкоголя
	Приемлемый пищевой контакт
	Топливная устойчивость
	Хорошая химическая стойкость
	Высокая термостойкость
	Комплект низкого сжатия
	Влагостойкий
	Устойчивость к растворителям
Устойчивость к пару	

Используется	Смешивание
	Уплотнение
	Диафрагмы
	Прокладки
	Профили
	Детали Насоса
	Уплотнения
	Клапаны/Детали Клапана

Рейтинг агентства	FDA пищевой контакт, неуказанный рейтинг
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Внешний вид	Полупрозрачный
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Формы	Плита
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Метод обработки	Уплотнение
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Физический	Номинальное значение	Единица измерения
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Вязкость Mooney ¹ (ML 1+10, 121°C)	35	MU
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NOTE

1. Raw polymer

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