

PRODUCT

20% Peek

(80% virgin ptfe+ 20% Peek)

Property	Method	Units	Specification
Specific gravity	ASTM D4884	g/ cm ³	1,890 – 1,910
Tensile strength	ASTM D4894	MPa	≥ 13
Elongation	ASTM D4894	%	≥ 35
Hardness	ASTM D2240	Shore D	≥ 67
Service Temperature		C°	-200 / +260

Properties:

- Improved under load and permanent deformation, better wear resistance. Better dimensional stability at high temperatures. Low friction coefficient and good chemical resistance.

Main applications:

- In dynamic applications where high compression and chemical resistance are required.

FDA Approved

- (Code of Federal regulations title 21 CFR Ch.1, revised as of April 1, 2009 Edition); sections 177.1550 "Perfluorocarbon Resins" of the Food and Drug Administration/USA.P.

Date: 11/2009