

GFS Virgin PTFE

100% Polytetrafluoroethylene

Mechanical, Physical, and Thermal Properties

Properties	Standard	Unit	
Color			White
Hardness	ASTM D2240	Shore D	55
Specific Gravity	ASTM D792		2.15
Tensile Strength at Break	ASTM D638	psi	4700
Elongation at Break	ASTM D638	%	375

Application:

- > Virgin PTFE is a high molecular weight polymer and one of the most versatile plastics known to man. Virgin PTFE can handle virtually all chemicals in the 0-14 pH range with the exception of molten alkali metals and elemental fluorine. PTFE is generally suitable for service at temperatures from the cryogenic range up to 500°F.

DISCLAIMER:

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