

Data Sheet

PTPTFE0015 Virgin PTFE

Data Sheet Type	Final
Material Reference	PTPTFE0015
Polymer	PTFE
Date Issued	30/08/25



Description

Virgin PTFE Certified to NSF61, FDA, W270, WRAS, KTW, 3A Sanitary Standard 20-27, as well as conforming to Italian Reulations DPR77, DL108 & DM34 and European Directives 82/711/EEC-85/EEC-93/8/EEC-97/48/EC-1935/2004/EC-1895/2005/EC-10/2011/EC All specifications taken from Moulded and Sintered Rod according to ASTM D4874

Specifications	Values	Test Methods
Density	2.16 g/cm 3	None
Dielectric Strength	863 v/mil	None
Elongation at Break	250 %	ASTM D412
Highest Recommended Working Temperature	260 °C	None
Lowest Recommended Working Temperature	-50 °C	None
Shore Hardness (Shore D)	55 ° Shore	ASTM D2240
Tensile Strength	28 MPA	ASTM D412

Important Notes about this Material Data Sheet

This datasheet has been carefully compiled to advise you, our customer, in the best possible way. The information, figures, test values, and data correspond to actual engineering standards and are the result of many years of tests and trials. As individual operating conditions influence the application of each product, the information supplied in this datasheet can only be seen as a rough guideline. In every case it is the sole responsibility of the customer to evaluate his individual requirements, in particular whether the specified properties of our products are sufficient for the intended use. This datasheet is subject to alteration without prior notice. All mentioned values contained herein are guiding values representing long-term experience averages. Please be aware that Test Results for individual Material Batches will only be provided if requested at the time of order and may be subject to additional charges and/or lead times. This Data Sheet supersedes all previous data sheets and any other data previously provided either Verbally, Electronic or Written, with reference to the above Material Grade.