



www.lorkindustrias.com

LORK INDUSTRIAS, S.L.
CARACAS, 11
08030—BARCELONA
SPAIN

Telephone: 93 346 82 12
Fax: 93 311 30 60
Email: lork@lorkindustrias.com

DATA SHEET

VIRGIN PTFE + 25 % GLASS FIBER

Properties

Density	ASTM D4884	g/cm ³	2,230 - 2,260
Service Temperature		C°	-200/ +260
Tensile Strength	ASTM D4894	MPa	≥ 13
Elongation	ASTM D4894	%	≥ 180
Hardness	ASTM D2240	Shore D	≥ 60
Deformation under load (14N/ mm ² , 24 h a 23° C.)	ASTM D621	%	9-11
Permanent deformation (after 24 hrs. Relaxation at 23° C)	ASTM D621	%	5,0 - 6,5
Coefficient of linear thermal expansion	ASTM D696	10 ⁻⁵ /°C	
from 25 to 100° C			7,7 - 11,20
from 25 to 150° C			8,5 - 11,60
from 25 to 200° C			9,5 - 12,6
from 25 to 250° C			11,5 - 15,1
Coefficient of static friction	ASTM D1894		0,17 - 0,19
Coefficient of dynamic friction	ASTM D1894		0,15 - 0,17
Volume resistivity	ASTM D257	Ohm cm	10 ¹⁵



Approved (FDA, US Food and Drug Administration, Department of Health and Human Services; Code of Federal Regulations 21 CFR—Section 177.1550 (a)(1) and (b) - Perfluorocarbon Resins.