

PTFE

POLİTEF®

%40 BRONZE REINFORCED POLİTEF® P.T.F.E.
(Polytetrafluoroethylene)
PRODUCTS : ROD, HOLLOW ROD, SHEET.

	PROPERTY	UNITS	TEST METHOD	VALUE
P R O D U C T	PHYSICAL PROPERTIES			
	DENSITY	g /cm ₃	ASTM D-1457-18	3,1 - 3,2
	HARDNESS (SHORE)	Scale D	ASTM D-2240	60 - 67
	WEAR RESIST.(25-10000C)	cm ³ .min/ kg.ms-8	-	15 - 20
D A T A	MECHANICAL PROPERTIES			
	TENSILE STRENGTH	Kg/cm ²	ASTM D-1708	240 - 260
	STRAIN	%	ASTM D-1708	300 - 360
	IMPACT RESISTANCE	cm.kg/cm	ASTM D-256	12
	DEF. UNDER LOAD	%	ASTM D-621	5,5 - 6
S H E E T	THERMAL PROPERTIES			
	MELTING TEMP.	°C	ISO 3146	-
	SOFTENING TEMP.		-	-
	SERVICE TEMP.	°C	-	-
	THERMAL COND.	Kcal/cm.C. Hr.	ASTM C-177	0,070
	THERMAL EXPANSION	10-5/°C	ASTM E-831	9 - 11
	IGNITION TEMPERATURE	°C	ASTM D-1929	630
ELECTRICAL PROPERTIES				
	DIELECTRIC CONSTANT	kV/mm	ASTM D-149	VERY HIGH TO MEASURE

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