

PA 6

POLIPA PA6 (POLYAMIDE) RODS

			TEST METHOD		VALUES
			DN	ISO	
SPECIFIC GRAVITY	g/cm ³		53479	1183	1,13
CORROSION (SAND SLURRY TEST)	%		58836	-	-
WATER ABSORPTION	%		53495	62	%9-10
SHORE	Skala D		53505	-	85
ROCKWELL	Skala		-	2039-2	M85
TENSILE STRENGTH	N/mm ²		53455	527	60-70
TENSILE ELONGATION	%		53455	527	-
RUPTURE RESISTANCE	N/mm ⁵		53455	527	80
ELONGATION AT RUPTURE	%		53455	527	>50
IMPACT RESISTANCE	kJ/m ²		53453	179	-
NOTCH IMPACT RESISTANCE	kJ/m ²		53453	179	4-25
ELASTICITY MODULE	N/mm ²		53452	178	3000
BALL NOTCH 358/30	N/mm ²		53456	2039-1	70-150
MELTING POINT	°C		-	-	220
THERMAL ELONGATION	1/K*10 ⁻⁵		53752	-	6-10
SERVICE TEMPERATURE	°C		53461	75	100
DIELECTRIC RESISTANCE	kV/mm		53481	243	70-100
VOLUMETRIC RESISTANCE	Qxcm		53482	167	>10 ¹⁶
SURFACE RESISTANCE	Q		53482	167	>10 ¹³

The typical values are average values of the tests done at Polimersan laboratories. Those are for information and not product guarantee values.