

# ACETAL



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Property	Unit	Copolymerization	Homopolymer
Density	G/cm <sup>3</sup>	1.425	1.425
Moisture	%	0.25	0.22
Tensile	Mpa	68.6	60.37
Elongation ratio	%	Inject15 press75	60.75
Bending strength	Mpa	96.04	89.18
Compression strength	Mpa	123.48 109.76	
Impact	KJ/M	Injest 7.6 Press 12.5	6.5-7.6
Hardness	RH	M94 R120	M78-80
Specific heat volume	J/KG.K		
Temperaure of thermal deformation C	0.45Mpa	170	158
Volume resistiv (wetness50% 23C)	n.cm	$6 \times 10^{14}$	$1 \times 10^{14}$
Dielectric Strength (3.2mm thik)	Kv/mm	18.6	19.7
Resistant arc characteristic	S	240	
Strong -acid influence		Slight white	
Strong -acid influence		Corrode	
Alkali influence		Some resistance	
Organic solvent		fine	