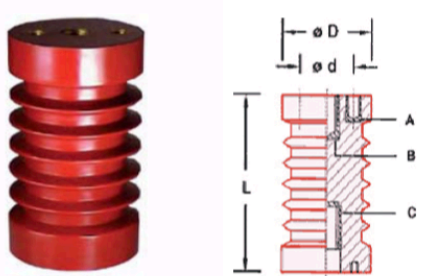


Medium Voltage Insulators

Technical data									
Material	Glassfibre reinforced polyester								
Dielectric strength	10 kV/mm								
Temperature	To +180 °C								
	Units	Test methods (ASTM)	-	-	-				
			SMC¹⁾	DMC²⁾	Epoxy				
Physikalisch	-	-	-	-	-				
Specific gravity	-	D-792	1.7	1.9	1.6-2.0				
Glass contents	%	N.A.	25	15	-				
Water absorption (24 hrs)	%	D-570	0.2	0.15	.04-01				
Tensile strength	Kgf/Cm2	D-638	700	400	750-400				
Flexural strength	Kgf/Cm2	D-790	1,550	900	800				
Compressive strength	Kgf/Cm2	D-695	1,800	1,500	1,600				
Impact strength Izod	J/m	D-265	600	250	-				
Dielectric strength	KV/mm	D-149	12	10	13				
Tracking index	Volts	BS-5901	+ 600	+ 600	+ 600				
ARC resistance	Secs.	D-495	+ 180	+ 180	+ 180				
Flammability	Self-extinguishing								
Tolerances	mm		Tolerance (±)						
	1-15		0.25 mm						
	16-50		0.5 mm ¹⁾						
	51-100		1.0 mm ²⁾						
	101-250		1.5 mm						
	250 & above		2 mm						
¹⁾ SMC = Sheet Moulding Compound ²⁾ DMC = Dough Moulding Compound									
									
Purchase number	KV	Surface creeping distance	D mm	L mm	d mm	A	B	C	Packing
2721 2070	3.3	112 mm	60	75	36	M6 x 16	M10 x 20	M12 x 24	on request
2721 2071	6.6	140 mm	60	90	36	M6 x 16	M10 x 20	M12 x 24	on request
2721 2072	11	197 mm	60	130	36	M6 x 16	M12 x 24	M16 x 34	on request
2721 2073	11	197 mm	75	130	45	M10 x 20	M16 x 34	M20 x 36	on request
2721 2074	22	285 mm	70	210	36	M6 x 16	M10 x 25	M16 x 55	on request
2721 2075	33	440 mm	80	300	36	M6 x 16	M10 x 25	M16 x 75	on request