



DuFlon[®]

Leading the way in Fluoropolymer Processing



Nozzles for use in electrical applications such as SF₆ gas circuit breaker applications are very specialized products manufactured by Isostatic moulding.

Duflon has numerous approvals for these products and supplies these to leading manufacturers all over the world.

Blending of resins and moulding are both techniques developed by Duflon engineers.



Nozzles for Electrical Applications



Nozzle Applications:

For Medium Voltage, High Voltage and Extra-High Voltage live tank and dead tank SF6 Gas Circuit Breakers.

Materials:

Virgin PTFE, PTFE & 0.1%MO₂, 0.2%MO₂, 7% Al₂O₃, 15% Al₂O₃, 20% Al₂O₃, 20% CaF₂, 5%BN, 10%BN, 0.6%Co/Al₂O₃.

Ratings:

From 7.2 kV to 800 kV

Type Test / Approvals:

KEMA - Holland, CESI - Italy, CPRI - India.

Processing:

Isostatic / Double Compression in contamination free class 10,000 clean-room followed by microprocessors controlled sintering, annealing and CNC machining

Clean Room:

Class # 10,000 clean room facility being upgraded to Class #100.

Blending:

In-house facility for blending of Virgin PTFE with various fillers specially installed for ultra-clean processing for use in High Voltage SF₆ Gas Circuit Breaker Nozzles applications.

All products are custom manufactured to customer's specific requirements.

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India

India

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