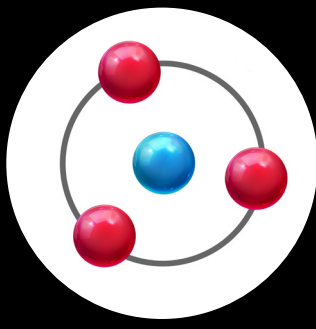


PREVENTING ELECTRO CORROSION FAILURES TO ENSURE SAFETY

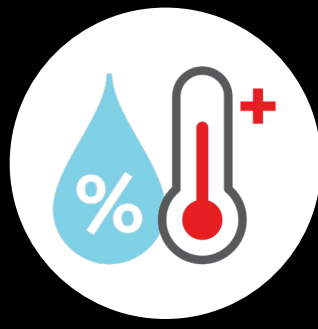


HOW ELECTRO CORROSION OCCURS



Halides or red phosphorous are added to thermo-plastic to meet thermal and safety requirements

+



These additives can react to form acids in warm and humid environments

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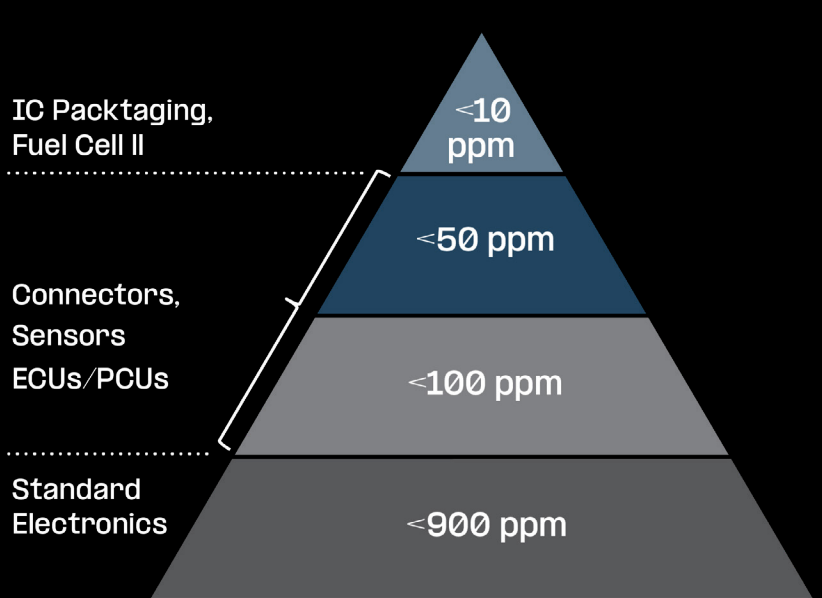


This creates corrosion

WHAT CAN HAPPEN WHEN ELECTRO CORROSION IS UNCHECKED?

The failure of a key system, such as a backup camera, could create potentially fatal situations due to 100% preventable electro corrosion.

By limiting halides (<50–100 ppm) in connectors, sensors, ECUs and PCUs, electro corrosion can be avoided.



Envalior offers a full portfolio of best-in-class electro friendly materials that are halide free.

	Akulon®		Arnite®		Stanyl®	EcoPaXX®	Xytron™	ForTii®
	PA6	PA66	PBT	PET	PA46	PA410	PPS	PA
V0 halogen free	✓	✓			✓	✓	✓	✓
V0 halogen containing	✓		✓		✓			
HB e-friendly	✓	✓	✓	✓	✓	✓		✓



Envalior provides product substance absence declarations to verify harmful levels of corrosive substances are not present in materials.

LEARN MORE ABOUT ELECTRO CORROSION MATERIAL SOLUTIONS AT WWW.ENVALIOR.COM