



Castrol ON immersion cooling fluid: DC 15

Castrol ON Immersion Cooling Fluid DC 15 is a synthetic hydrocarbon-based dielectric coolant.



Material Compatibility

The list below provides general guidance and is not exhaustive. It is recommended to test the exact grade of material for compatibility before use.

Material Category	Material Type	Compatibility
Elastomer	Fluorocarbon Rubber (FKM)	Good Compatibility
	Hydrogenated Nitrile Rubber (HNBR)	Good Compatibility
	Polyurethane Rubber (PUR)	Good Compatibility
	Liquid fluoroelastomer (PFPE-Si)	Good Compatibility
	Acrylic Rubber (ACM)	Good Compatibility
	Nitrile Rubber (NBR)	Moderate Compatibility*
	Cork Bonded with Nitrile (TYM)	Moderate Compatibility*
	Chloroprene (CR)	Poor Compatibility
	Ethylene-propylene diene monomer (EPDM)	Poor Compatibility
	Silicone Rubber (VMQ)	Poor Compatibility
Plastic	Thermoplastic polyurethane (TPU)	Good Compatibility
	Acrylonitrile butadiene styrene (ABS)	Good Compatibility
	boPET (Mylar)	Good Compatibility
	Polyester (Melinex)	Good Compatibility
	Acetal Copolymer (POM)	Good Compatibility
	Nylon or Polyamide (PA6 & PA66)	Good Compatibility
	Polycarbonate (PC)	Good Compatibility
	Polystyrene (PS)	Good Compatibility
	Hard PVC (PVC-CAW-UV)	Good Compatibility
	Polyether ether ketone (PEEK)	Good Compatibility
	Polytetrafluoroethylene (PTFE)	Moderate Compatibility*
	Polypropylene (PP)	Poor Compatibility
	Low Density Polyethylene (PE-LD)	Poor Compatibility
	High Density Polyethylene (PE-HD)	Poor Compatibility
	Ultra-High Molecular Weight Polyethylene (PE-UHMW)	Poor Compatibility
Soft PVC (PVC-P)	Poor Compatibility	

*dependent on material grade and material manufacturer

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