

FLUOROLINK® E10-H

- **Fluorolink® E10-H** is a dialcohol terminated, ethoxylated derivative of **Fluorolink® D10-H** perfluoropolyether with the following chemical structure:



- Thanks to its functional groups, **Fluorolink® E10-H** can be used to modify common polymers such as polyurethanes, polyester, epoxy, and coatings. Small amounts (0.5-2.0%) are enough to improve the surface properties, typically the coefficient of friction, wear resistance, water and oil repellence of common materials. A higher amount imparts an exceptional chemical resistance to the corresponding materials, moreover **Fluorolink® E10-H**, thanks to the ethoxylated "spacer", exhibits a similar reactivity with respect to common hydrogenated oligomeric alcohols.

- Typical properties of **Fluorolink® E10-H** are as follows:

PROPERTIES	TYPICAL VALUES
Functional groups	ALCOHOL
Average equivalent weight (NMR)	750
Surface tension (20°C)	23 dynes/cm
Fluorine content	57%
Kinematic viscosity (20°C)	115 cSt
Refractive index n _{D20}	1.317
Specific gravity (20°C)	1.73 g/ml
Glass transition	-100°C
Appearance	Clear, light yellow liquid

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