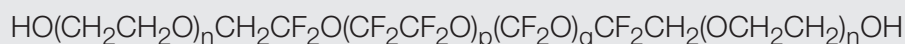


Fluorolink® 5158X

Perfluoropolyether

Fluorolink® 5158X is a dialcohol terminated, ethoxylated perfluoropolyether having the following chemical structure:



Fluorolink® 5158X has an excellent compatibility with hydrogenated monomers and, thanks to its functional hydroxyl end-groups, can be used to modify polymers such as polyurethanes, polyesters and epoxies.

Small amounts (0.5–2.0 % w/w) are enough to improve the surface properties of hydrogenated materials: typically the water and oil repellence, stain/soil release, and coefficient of friction.

Typical properties of Fluorolink® 5158X

Property	Typical Value	Unit	Test Method
Functional groups	Alcohol		
Average equivalent weight (NMR)	1,000–1,100	amu	PF30/46
n value (average number of ethylene oxide units)	4–5.5	–	PF30/46
Kinematic viscosity at 20 °C	250–480	cSt	ASTM D445
Density at 20 °C	1.58–1.65	g/cm ³	ASTM D891
Appearance	Clear, light yellow liquid		PF29/142

Note: shake well before use

www.solvay.com

SpecialtyPolymers.EMEA@solvay.com | Europe, Middle East and Africa

SpecialtyPolymers.Americas@solvay.com | Americas

SpecialtyPolymers.Asia@solvay.com | Asia Pacific

Safety Data Sheets (SDS) are available by emailing us or contacting your sales representative. Always consult the appropriate SDS before using any of our products. Neither Solvay Specialty Polymers nor any of its affiliates makes any warranty, express or implied, including merchantability or fitness for use, or accepts any liability in connection with this product, related information or its use. Some applications of which Solvay's products may be proposed to be used are regulated or restricted by applicable laws and regulations or by national or international standards and in some cases by Solvay's recommendation, including applications of food/feed, water treatment, medical, pharmaceuticals, and personal care. Only products designated as part of the Solviva® family of biomaterials may be considered as candidates for use in implantable medical devices. The user alone must finally determine suitability of any information or products for any contemplated use in compliance with applicable law, the manner of use and whether any patents are infringed. The information and the products are for use by technically skilled persons at their own discretion and risk and does not relate to the use of this product in combination with any other substance or any other process. This is not a license under any patent or other proprietary right. All trademarks and registered trademarks are property of the companies that comprise Solvay Group or their respective owners.

© 2018 Solvay Specialty Polymers. All rights reserved. R 09/04/2018 | Version 2.3 Design by ahlersheinel.com