

Test Report

Applicant: Fehrer Enterprise Corporation.
No 1 Mao-Pu Lane
Shaushan Lee Shan Hwa
Tainan Taiwan ROC

Number : TWNC01476286

Date Issued : Sep 07, 2026

Sample Description:

One (1) group of submitted samples said to be :

Item Name : Carpet Foam Tiles
Quantity : 1 Group
Country of Origin : Taiwan
Goods Exported To : U.S.A.
Date Sample Received : Aug 28, 2026
Date Test Started : Aug 28, 2026

Test Conducted:

As requested by the applicant, for details please refer to attached pages.

Conclusion:

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
Submitted Samples	As Per AFIRM Restricted Substances List Version 11, 2026 - Per- and Polyfluoroalkyl Substances (PFAS)	Pass

Authorized By:
On behalf of Intertek Testing Services
Taiwan Limited

Anna Jing
Assistant General Manager



Signed by:

Thomas Chou
Thomas Chou
Manager



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Test Conducted :

1. Per- and Polyfluoroalkyl Substances (PFAS)

With reference to EN 17681-1:2025 (Textiles, synthetic coated fabrics, excluding leathers and polymers), by alkaline hydrolysis method and Liquid Chromatography- Tandem Mass Spectrometer (LC-MS-MS) analysis.

Compound	CAS Number	Result (ppb)	Limit (ppb)
		Grey/Black Tiles	
PFOS and Its Salts			
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ND	25
Perfluorooctanesulfonic acid, potassium salt (PFOS-K)	2795-39-3		
Perfluorooctanesulfonic acid, lithium salt (PFOS-Li)	29457-72-5		
Perfluorooctanesulfonic acid, ammonium salt (PFOS-NH ₄)	29081-56-9		
Perfluorooctane sulfonate diethanolamine salt (PFOS-NH(C ₂ H ₄ OH) ₂)	70225-14-8		
Tetraethylammonium perfluorooctane sulfonate (PFOS-N(C ₂ H ₅) ₄)	56773-42-3		
Didecylidimethyl ammonium perfluorooctane sulfonate (PFOS-N(C ₁₀ H ₂₁) ₂ (CH ₃) ₂)	251099-16-8		
PFOS-Related Substances			
N-Ethylperfluoro-1-octanesulfonamide (N-Et-FOSA)	4151-50-2	ND	--
N-Methylperfluoro-1-octanesulfonamide (N-Me-FOSA)	31506-32-8	ND	--
2-(N-Ethylperfluoro-1-octanesulfonamido)-ethanol (N-Et-FOSE)	1691-99-2	ND	--
2-(N-Methylperfluoro-1-octanesulfonamido)-ethanol (N-Me-FOSE)	24448-09-7	ND	--
Perfluoro-1-octanesulfonyl fluoride (POSF)φ	307-35-7	--	--
Perfluorooctane sulfonamide (PFOSA)	754-91-6	ND	--
Sum of Above PFOS-Related Substances	--	ND	1000
PFOA and Its Salts			
Perfluorooctanoic acid (PFOA)	335-67-1	ND	25
Sodium perfluorooctanoate (PFOA-Na)	335-95-5		
Potassium perfluorooctanoate (PFOA-K)	2395-00-8		
Silver perfluorooctanoate (PFOA-Ag)	335-93-3		
Perfluorooctanoyl fluoride (PFOA-F)	335-66-0		
Ammonium pentadecafluorooctanoate (APFO)	3825-26-1		
PFOA-Related Substances			
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	ND	--
Methyl perfluorooctanoate (Me-PFOA)^	376-27-2	--	--
Ethyl perfluorooctanoate (Et-PFOA)^	3108-24-5	--	--
2-Perfluorooctylethanol (8:2 FTOH)	678-39-7	ND	--
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)#	27905-45-9		
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)#	1996-88-9		
2H,2H-Perfluorodecanoic acid (H ₂ PFDA)	27854-31-5	--	--
Sum of Above PFOA-Related Compounds	--	ND	1000



Test Conducted :

Per- and Polyfluoroalkyl Substances (Cont'd)

<u>C9 – C14 PFCAs and Their salts</u>			
Perfluorononanoic acid (PFNA, C9-PFCA)	375-95-1	ND	--
Perfluorodecanoic acid (PFDA, C10-PFCA)	335-76-2	ND	--
Perfluoroundecanoic acid (PFUnA, C11-PFCA)	2058-94-8	ND	--
Perfluorododecanoic acid (PFDoA, C12-PFCA)	307-55-1	ND	--
Perfluorotridecanoic acid (PFTTrDA, C13-PFCA)	72629-94-8	ND	--
Perfluorotetradecanoic acid (PFTeDA, C14-PFCA)	376-06-7	ND	--
Perfluoro-3,7-dimethyloctanecarboxylate (PF-3,7-DMOA)	172155-07-6	ND	--
Sum of Above C9-C14 PFCAs	--	ND	25

<u>C9 – C14 PFCAs-Related Substances</u>			
1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)#	17741-60-5	ND	--
1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)#	2144-54-9		
1H,1H,2H,2H-Perfluorododecanol (10:2 FTOH)	865-86-1		
2H,2H,3H,3H-Perfluoroundecanoic acid (H4PFUnA)	34598-33-9	ND	--
2-Perfluorooctylethanol (8:2 FTOH)	678-39-7	ND	--
1H,1H,2H,2H-Perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	ND	--
1H,1H,2H,2H-Perfluorododecanesulphonic acid (10:2 FTS)	120226-60-0	ND	--
1H,1H,2H,2H-Perfluorododecyl iodide (10:2 FTI)	2043-54-1	--	--
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	--	--
Sum of Above C9-C14 PFCAs-Related Substances	--	ND	260

<u>PFHxS and Its Salts</u>			
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	ND	25
Perfluorohexane sulfonic acid, potassium salt (PFHxS-K)	3871-99-6		
Perfluorohexane sulfonic acid, lithium salt (PFHxS-Li)	55120-77-9		
Perfluorohexane sulfonic acid, ammonium salt (PFHxS-NH ₄)	68259-08-5		
Perfluorohexane sulfonic acid, sodium salt (PFHxS-Na)	82382-12-5		

<u>PFHxS-Related Compounds</u>			
N-Methylperfluoro-1-hexanesulfonamide (N-Me-FHxSA)	68259-15-4	ND	--
Perfluorohexane sulfonamide (PFHxSA)	41997-13-1	ND	--
Sum of Above PFHxS-Related Compounds	--	ND	1000



<u>PFHxA and Its Salts</u>			
Perfluorohexanoic acid (PFHxA, C6-PFCA)	307-24-4	ND	25
<u>PFHxA-Related Substances</u>			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	ND	--
1H,1H,2H,2H-Perfluorooctanol (6:2 FTOH)	647-42-7	ND	--
1H,1H,2H,2H-Perfluorooctyl acrylate (6:2 FTA)#	17527-29-6		
1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMA)#	2144-53-8		
Sum of Above PFHxA-Related Substances	--	ND	1000

Remarks : ppb = Parts per billion = µg/kg
 ND = Not detected
 ϕ = Determined by PFOS
 ^ = Determined by PFOA
 # = Determined by corresponding FTOH compounds
 Detection limit = PFOS, PFOA, PFHxS, C9-C14 PFCAs, PFHxA and its salts : 10 ppb
 PFOS, PFOA, PFHxS, C9-C14 PFCAs, PFHxA related substances : 100 ppb
 2H,2H-Perfluorodecanoic acid (H2PFDA) (CAS no. 27854-31-5), 1H,1H,2H,2H-Perfluorododecyl iodide (10:2 FTI) (CAS no. 2043-54-1) and 1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI) (CAS no. 30046-31-2) are not covered under EN 17681-1:2025 and not analyzed.





End of Report

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Reporting Statements of Conformity: Please note that the test results contain statement of conformity with the decision rules which are based on the specifications of customers, regulations and standards, and does not consider measurement uncertainty.



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