

INOFロン®
FLUOROPOLYMERS
PFA & FEP



INOFLON[®] PFA (Perfluoroalkoxy)

Pellet

- Service temperature up to 260°C
- Excellent dielectric properties
- Superior creep resistance at high temperatures
- Excellent low temperature toughness

INOFLON [®] Grade	Process Methods	Melt Flow Rate (g/ 10 min)	Specific Gravity	Melting Point (°C)	Tensile Strength (Mpa)	Elongation (%)	Applications
8003	Extrusion, Injection, Compression and Transfer Moulding	2.3	2.15	310	28	300	Tubes, Linings (Pipes/Valves/fittings) and Transfer molded articles
8003HS	Extrusion, Injection, Compression and Transfer Moulding	2.3	2.15	310	28	300	Tubes, Linings (Pipes/Valves/fittings), Transfer molded articles and semiconductor components
8015	Extrusion, Injection and Transfer Moulding	14	2.15	310	25	300	Extruded Tubes, and profile for hoses, Jacketing, Wire and cable insulation
8015HS	Extrusion, Injection and Transfer Moulding	14	2.15	310	25	300	Extruded Tubes, and profile for hoses, Jacketing, Wire and cable insulation, semiconductor applications

HS-is modified grade of 8003 and 8015 with high purity, improved flex life and environmental stress cracking resistance.

Powder

- Excellent chemical resistance
- Outstanding electrostatic characteristics
- Good transparency
- Excellent non-stick performance

INOFLON [®] Grade	Process Methods	Melt Flow Rate (g/ 10 min)	Particle Size (µm)	Bulk Density (g/l)	Specific Gravity	Melting Point (°C)	Tensile Strength (Mpa)	Elongation (%)	Applications
8103	Electrostatic powder spray	2.3	25	500	2.15	310	28	300	Powder coatings for chemical and industrial equipment
8115	Electrostatic powder spray	14	25	500	2.15	310	25	300	Powder coatings for chemical and industrial equipment

Dispersion

- Non-stick properties
- Inert to chemicals and solvents
- Excellent surface release properties
- Excellent weatherability

INOFLON [®] Grade	Process Methods	Melt Flow Rate (g/ 10 min)	Solid Content (%PFA resin by weight)	%Surfactant content on PFA Solid	Specific Gravity	Average Particle Size (nm)	pH of Dispersion	Melting Point (°C)	Applications
8900	Dipping, Impregnating, Spraying	15	50	6	1.4	170	>9.5	310	Coating and impregnating glass fibre fabrics, metal substrate, woven packing
8910	Dipping, Impregnating, Spraying	2	60	6	1.5	170	>9.5	310	Coating and impregnating glass fibre fabrics, metal substrate, woven packing

Certifications

- ISO 9001:2015
- ISO 14001:2015
- OHSAS 18001:2007
- REACH
- USP CLASS VI
- FDA
- ROHS
- SVHC
- UL
- EC 10 / 2011

INOFLON[®] FEP (Fluorinated Ethylene Propylene)

Pellet

- Service temperature up to 200°C
- Exceptional flame resistance
- Excellent low temperature toughness
- Good mechanical properties

INOFLON [®] Grade	Process Methods	Melt Flow Rate (g/ 10 min)	Specific Gravity	Melting Point (°C)	Tensile Strength (Mpa)	Elongation (%)	Applications
4003	Extrusion, Injection and Transfer Moulding	2.5	2.15	260	27	300	Tubes, Linings (Pipes/Valves/fittings)
4007	Extrusion, Injection and Transfer Moulding	7	2.15	260	26	285	Wire and cable Insulation, Tubing, Injection molded parts
4025	Extrusion, Injection and Transfer Moulding	25	2.15	260	22	285	Wire and cable Insulation, Tubing, Injection molded parts
4021	Extrusion, Injection and Transfer Moulding	25	2.15	260	22	285	Wire and cable Insulation, Tubing, Injection molded parts

Powder

- Excellent chemical resistance
- Excellent stress cracking resistance
- Good transparency
- Good electrostatics & fluidization

INOFLON [®] Grade	Process Methods	Melt Flow Rate (g/ 10 min)	Particle Size (µm)	Bulk Density (g/l)	Specific Gravity	Melting Point (°C)	Tensile Strength (Mpa)	Elongation (%)	Applications
4103	Electrostatic powder spray	2.5	25	500	2.15	260	27	300	Powder coatings for chemical and industrial equipment
4107	Electrostatic powder spray	7	25	500	2.15	260	26	300	Powder coatings for chemical and industrial equipment

Dispersion

- Stability at high temperatures
- Inert to chemicals and solvents
- Excellent weatherability and incombustibility
- Excellent stress cracking resistance

INOFLON [®] Grade	Process Methods	Melt Flow Rate (g/ 10 min)	Solid Content (%PFA resin by weight)	%Surfactant content on PFA Solid	Specific Gravity	Average Particle Size (nm)	pH of Dispersion	Melting Point (°C)	Applications
4910	Dipping, Impregnating, Spraying	10	55	6.5	1.45	170	>9.5	260	Coating and impregnating glass fibre fabrics, metal substrate, woven packing

Certifications

- ISO 9001:2015
- ISO 14001:2015
- OHSAS 18001:2007
- REACH
- USP CLASS VI
- FDA
- ROHS
- SVHC
- UL
- EC 10 / 2011



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