

# NEOFLON™ EP-7000

Ethylene Tetrafluoroethylene Copolymer

DAIKIN AMERICA, INC.

## Message:

ETFE EP-7000 is a fluoropolymer specifically designed for the Automotive Industry. This resin has an excellent permeation resistance to hydrocarbons and adheres well to many kinds of plastics without adhesive or etching.

ETFE EP-7000 can be easily co-extruded into multi layer tubing and offers the following advantages for automotive applications:

- Excellent permeation resistance to hydrocarbons
- Increased temperature resistance
- Excellent chemical resistance
- Co-extrusion with other resins (nylons, ETFE, EFEP) without adhesive or etching
- Cold impact resistance

General Information			
Features	Good Adhesion		
	Good Chemical Resistance		
	High Heat Resistance		
	Hydrocarbon Resistant		
	Low Temperature Impact Resistance		
Uses	Automotive Applications		
	Tubing		
Forms	Pellets		
Processing Method	Coextrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.76	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (297°C/5.0 kg)	15 to 25	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.0 to 50.0	MPa	ASTM D3159
Tensile Elongation (Break)	370 to 530	%	ASTM D3159
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	255	°C	DSC
Additional Information	Nominal Value	Unit	
Permeation Resistance - Average <sup>1</sup> (60°C)	2.5	g · mm/m <sup>2</sup> /atm/24 hr	
NOTE			
1.	CE-10		

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