

AFLAS® 150E

Fluoroelastomer
Asahi Glass Co., Ltd.

Message:

Commercial polymers are classified into two types; one is the TFE-P dipolymer type (AFLAS® 100/150 Series), and the other is the TFE-P-VdF terpolymer type (AFLAS® 200Series). AFLAS® 200 Series is characterized by the improved low temperature properties, demoldability and metal bonding while maintaining most of the high heat and chemical resistance and electrical resistivity of the dipolymer. Below the current polymer grades are listed, which are mainly classified according to Mooney viscosity. Dipolymer is mostly used in the wire and cable, and automotive industries, while terpolymer is often favored for automotive use in terms of processability.

General Information			
Uses	Automotive Applications		
	Wire & Cable Applications		
Appearance	Brown		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.55	g/cm ³	
Mooney Viscosity			
ML 1+10, 100°C	60	MU	
ML 1+10, 121°C	45	MU	ASTM D1646
Fluorine Content	57	%	
Thermal	Nominal Value	Unit	
Glass Transition Temperature	-3.00	°C	

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