

AFLAS® 150CS

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	White	
Processing Method	Extrusion	
Physical	Nominal Value	Unit
Specific Gravity	1.55	g/cm³
Mooney Viscosity		
ML 1+10, 100°C	140	MU
ML 1+10, 121°C	100	MU
Fluorine Content	57	%
Thermal	Nominal Value	Unit
Glass Transition Temperature	-3.00	°C

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