AFLAS® 100S

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			
Features	High Strength		
Uses	Automotive Applications Wire & Cable Applications		
Appearance	Brown		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.55	g/cm³	
Mooney Viscosity			
ML 1+10, 100°C	160	MU	
ML 1+10, 121°C	115	MU	ASTM D1646
Fluorine Content	57	%	
Thermal	**Nominal Value**	**Unit**	
Glass Transition Temperature	-3.00	°C	

Recommended distributors for this material

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