

DAI-EL™ G-755BP

Fluoroelastomer

DAIKIN AMERICA, INC.

Message:

DAI-EL G-755BP is a bisphenol curable, gum copolymer with medium Mooney viscosity. It is designed especially for extrusion molding and calendering.

General Information			
Features	Copolymer		
	Medium Viscosity		
Uses	Hose		
	Sheet		
Appearance	Brown		
	White		
Forms	Slab		
Processing Method	Calendering		
	Extrusion		
Physical	Nominal Value	Unit	
Specific Gravity	1.81	g/cm ³	
Mooney Viscosity (ML 1+10, 121°C)	29	MU	
Fluorine Content	66	%	
Low Temperature Brittleness - TR10	-18	°C	ASTM D1329
Hardness	Nominal Value	Unit	
Durometer Hardness			
Shore A ¹	74		
Shore A ²	75		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			
100% Strain, 25°C ³	5.70	MPa	
100% Strain, 25°C ⁴	5.40	MPa	
Tensile Strength			
Yield, 25°C ⁵	13.1	MPa	
Yield, 25°C ⁶	13.8	MPa	
Tensile Elongation ⁷ (Break, 25°C)	210	%	
Compression Set			ASTM D395B
200°C, 70 hr ⁸	15	%	
200°C, 70 hr ⁹	20	%	

NOTE	
1.	ODR, Strain: 3°, Test time: 12 min
2.	MDR 2000, Strain: 0.5°, Test time: 6 min
3.	ODR, Strain: 3°, Test time: 12 min
4.	MDR 2000, Strain: 0.5°, Test time: 6 min
5.	ODR, Strain: 3°, Test time: 12 min
6.	MDR 2000, Strain: 0.5°, Test time: 6 min
7.	ODR, Strain: 3°, Test time: 12 min
8.	MDR 2000, Strain: 0.5°, Test time: 6 min
9.	ODR, Strain: 3°, Test time: 12 min

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Recommended distributors for this material

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