

DAI-EL™ G-7262 (GN-20)

Fluoroelastomer
DAIKIN AMERICA, INC.

Message:

DAI-EL G-7262 (GN-20) is a cure-incorporated copolymer with low Mooney viscosity. It is designed especially for injection molding of seals and other complex shapes, where higher elongation at molding temperatures provides easy part demolding.

General Information			
Features	Copolymer		
	Good Mold Release		
	High Elongation		
Uses	Seals		
Appearance	Cream		
	White		
Forms	Slab		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	
Specific Gravity	1.81	g/cm ³	
Mooney Viscosity (ML 1+10, 121°C)	23	MU	
Fluorine Content	66	%	
Low Temperature Brittleness - TR10	-18	°C	ASTM D1329
Hardness	Nominal Value	Unit	
Durometer Hardness			
Shore A ¹	73		
Shore A ²	74		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ³ (100% Strain, 25°C)	3.90	MPa	
Tensile Strength			
Yield, 25°C ⁴	11.6	MPa	
Yield, 25°C ⁵	12.2	MPa	
Tensile Elongation			
Break, 25°C ⁶	270	%	
Break, 25°C ⁷	290	%	
Compression Set			ASTM D395B
200°C, 70 hr ⁸	20	%	
200°C, 70 hr ⁹	23	%	
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.	ODR, Strain: 3°, Test time: 12 min
5.	MDR 2000, Strain: 0.5°, Test time: 6 min
6.	ODR, Strain: 3°, Test time: 12 min
7.	MDR 2000, Strain: 0.5°, Test time: 6 min
8.	MDR 2000, Strain: 0.5°, Test time: 6 min
9.	ODR, Strain: 3°, Test time: 12 min

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