DAI-EL™ G-952

Fluoroelastomer

DAIKIN AMERICA, INC.

Message:

DAI-EL G-952 is a terpolymer suitable for various peroxide cure systems. G-952 can be formulated to eliminate the post cure process. G-952 is designed for transfer and compression molding applications that require excellent steam resistance. G-952 provides a good balance between methanol resistance and low temperature flexibility.

General Information		
Features	Low Temperature Flexibility Steam Resistant Terpolymer	
Uses	Gaskets Seals	
Appearance	Pink White	
Forms	Pellets	
Processing Method	Compression Molding	
Physical	**Nominal Value**	**Unit**
Specific Gravity	1.84	g/cm³
Mooney Viscosity (ML 1+10, 121°C)	40	MU
Fluorine Content	69	%
Cure Temperature	160	°C
Cure Time - Curelastometer	2.0	min
Gehman Torsion Test		
T10	-13	°C
T2	-8	°C
TR Test		
TR10	-14	°C
TR70	-8	°C
Hardness	**Nominal Value**	**Unit**
Durometer Hardness (Shore A, 25°C)	67	
Elastomers	**Nominal Value**	**Unit**
Tensile Stress (100% Strain, 25°C)	2.30	MPa
Tensile Strength (Yield, 25°C)	24.0	MPa
Tensile Elongation (Break, 25°C)	320	%
Tear Strength (25°C)	19.6	kN/m
Compression Set		

25°C, 70 hr	13	%
100°C, 70 hr	11	%
175°C, 70 hr	15	%
200°C, 70 hr	28	%

Aging	Nominal Value	Unit
Change in Tensile Strength in Air (230°C, 70 hr)	-10	%
Change in Ultimate Elongation in Air (230°C, 70 hr)	10	%
Change in Durometer Hardness in Air (Shore A, 230°C, 70 hr)	1.0	

Thermal	Nominal Value	Unit
Brittleness Temperature	-26.0	°C

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China