

# XYFLUOR® 870

Fluoroelastomer  
Greene, Tweed & Co.

Message:

Xyfluor® 870, a highly fluorinated elastomer compound, offers excellent chemical compatibility over a wide range of temperatures from -76°F to 450°F (-60°C to 232°C). Recommended for applications requiring a combination of low temperature properties and chemical resistance, Xyfluor 870 reduces overall cost by extending equipment service life.  
Xyfluor 870 parts can be made through high-volume injection-molding processing. Additionally, prototype parts are available for product testing.

General Information			
Features	Good Chemical Resistance		
	Hydrocarbon Resistant		
	Low Temperature Resistant		
	Steam Resistant		
Uses	Gaskets		
	Pump Parts		
	Seals		
	Valves/Valve Parts		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	70		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	3.79	MPa	ASTM D1414
Tensile Strength (Break)	7.58	MPa	ASTM D1414
Tensile Elongation (Break)	160	%	ASTM D1414
Compression Set <sup>1</sup> (200°C, 70 hr)	20	%	ASTM D395
Thermal	Nominal Value	Unit	
Service Temperature	-60 to 232	°C	
NOTE			
1.	25% Deflection		

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