

Dynaglide® DW 612

Polytetrafluoroethylene

DeWAL Industries

Message:

Dynaglide DW 612 uses a very special grade of a graphite in the manufacture of this filled PTFE. This material exhibits excellent friction and wear properties. Color Black Manufactured in thickness range of 0.010 To 0.064.

Used in both bearing and seal applications. Exhibits low friction and excellent wear properties. Can be used with soft mating surfaces, such as stainless steel, bronze and aluminum.

General Information			
Filler / Reinforcement	Carbon\Graphite		
Features	Good Wear Resistance		
	Low Friction		
Uses	Bearings		
	Seals		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.12	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	17.2	MPa	ASTM D1457
Tensile Elongation (Break)	150	%	ASTM D1457
Thermal	Nominal Value	Unit	Test Method
CLTE			ASTM D696
Flow	7.9E-5	cm/cm/°C	
Transverse	1.3E-4	cm/cm/°C	
Deformation	2.5	%	ASTM D621
Core ID	7.62	cm	
Width	12.7 to 305	mm	

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Recommended distributors for this material

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