

Dynaglide® DW 646

Polytetrafluoroethylene

DeWAL Industries

Message:

Dynaglide D/W 646 is a filled PTFE material developed for superior wear and friction values. This product can be used with all mating surfaces. DeWAL can manufacture this product in a thickness range from 0.010" to 0.064".

D/W 646 can be used in both bearing and seal applications. This product can be used successfully with all mating surfaces.

General Information			
Filler / Reinforcement	Filler		
Features	Good Wear Resistance		
	Low Friction		
Uses	Bearings		
	Seals		

Physical	Nominal Value	Unit	
Specific Gravity	2.09	g/cm ³	
Thickness	0.4 to 1.6	µm	
Wear Factor			
--	6.20		ASTM D3902
--	-243	°C	
Core ID	7.62	cm	
Width	12.7 to 305	mm	

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	27.6	MPa	ASTM D1457
Tensile Elongation (Break)	300	%	ASTM D1457
Coefficient of Friction (vs. Itself - Dynamic)	0.070		

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Recommended distributors for this material

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