

Dryflex® 4096

Thermoplastic Elastomer

ELASTO

Message:

Due to their efficient processing, high performance and recyclability, Dryflex Thermoplastic Elastomers (TPEs) have made significant progress in proving themselves as a quality replacement for vulcanised rubber in window and door sealing applications.

Colour and co-extrusion possibilities have further enhanced the design possibilities for gaskets and seals made from TPE. New technologies such as Dryflex XP foamable TPEs and higher temperature resistant grades are providing materials which deal with design, performance and the environmental needs of the future.

We have supplied compounds for gaskets and weatherstrip extrusion for many years and are a trusted partner to the construction industry.

Today, we continue to develop technical material solutions to meet every application need. Some of the potential property spectrum and possibilities are shown below.

General Information			
Features	Recyclable Material		
Uses	Gaskets		
	Glazing		
	Seals		
	Weatherstripping		
Agency Ratings	BS 7412:2002 Class A		
	BS 7412:2002 Class B		
	RAL GZ 716/1, Class IV		
	RAL GZ 716/1, Class V		
Appearance	Black		
	Colors Available		
	Natural Color		
Physical	Nominal Value	Unit	Test Method
Density	1.09	g/cm ³	ISO 2781
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	42		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ISO 37
100% Strain	1.00	MPa	
300% Strain	1.70	MPa	
Tensile Stress (Yield)	5.00	MPa	ISO 37
Tensile Elongation (Break)	700	%	ISO 37
Tear Strength ¹	17	kN/m	ISO 34-1
Compression Set ² (23°C, 24 hr)	16	%	ISO 815
Thermal	Nominal Value	Unit	Test Method

Cold Bend	< -60	°C	BS 2782 Part 1, 15A
Ozone Resistance	No Cracking		ISO 1431-1
NOTE			
1.	Method C, Crescent		
2.	Type B		

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WECHAT