Dryflex® 4050

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
Appearance	Black Colors Available Natural Color

Physical	Nominal Value	Unit	Test Method
Density	1.08	g/cm³	ISO 2781
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness (Shore A)	65		ISO 868
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress			ISO 37
100% Strain	2.30	MPa	
300% Strain	3.00	MPa	
Tensile Stress (Yield)	5.00	MPa	ISO 37
Tensile Elongation (Break)	700	%	ISO 37
Tear Strength [1]	28	kN/m	ISO 34-1
Compression Set [2] (23°C, 24 hr)	25	%	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

Recommended distributors for this material

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