



## General

Dryflex 50758	Thermoplastic Elastomer
Base Material	SBS-SEBS
Hardness	60 Shore A
Service Temperature Range	-50 to +75°C (Unstressed Material)
Colour	White
Presentation	Free flowing pellets that can be processed without predrying when stored under normal conditions
Weather Resistance	Good
Ozone / UV Resistance	Good
Chemical Resistance	Moderate (excluding organic solvents, aromatic and vegetable oils)
Recycling	100% Recyclable
Mould Shrinkage	Approximately 0.75 - 2% depending on shape of the detail and placement of the gate
Bonds to	PP, PE

## Special Features

An extrusion grade, developed to meet the requirements of BS 7412, for Glazing Gaskets (Class A).

## Processing

This material has excellent processing characteristics and can be processed using conventional thermoplastic fabricating methods, especially extrusion.

<b>Processing Temperatures</b>	<b>Injection Moulding</b>	<b>Extrusion</b>
Cylinder Temperatures °C	170 - 190	150 - 210
Mould Temperatures °C	15 - 40	

## Typical Properties

<b>Property</b>	<b>Units</b>	<b>Typical Value</b>	<b>Test Methods</b>
Hardness	Shore A	60	ISO 868
Specific Gravity	g/cm <sup>3</sup>	1.16	ISO 2781
Tensile Strength	MPa	3.0	ISO 37
Elongation at Break	%	340	ISO 37
Tear Strength	N/mm	23	ISO 34 Method C
Compression Set			
24 hours at 23°C	%	26	ISO 815 Type B
24 hours at 70°C	%	68	ISO 815 Type B