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PRODUCTION Hexpol TPE Ltd

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)

ProcessingThis material has excellent processing characteristics and can be processed using

conventional thermoplastic fabricating methods, especially extrusion.

Processing TemperaturesInjection MouldingExtrusionCylinder Temperatures °C170 - 190150 - 210

Mould Temperatures °C 15 - 40

Typical Properties Property Units Typical Value Test Methods

Hardness Shore A 60 **ISO 868** Specific Gravity g/cm³ 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

The above information is to the best of our knowledge true and accurate, but any recommendations or suggestions which may be made, are without guarantee, since the conditions of use are beyond our control. Figures are indicative and can vary depending on specific grade selection and the production site. Grades have an expected minimum shelf life of 12 months after shipment date.

The product should be stored in a dry and cool place in the manufacturer's original packaging.