# Dryflex Green EP 70A34G1N U

## General

| | |
|---|---|
| Description | Thermoplastic Elastomer, TPO |
| Colour | Natural, but can easily be coloured |
| Form | Free flowing pellets |
| Service Temperature | -50 to +80°C (unstressed material) |
| Recycling | 100% recyclable |

## Typical Properties

| Property | Units | Typical Value | Test Method |
|---|---|---|---|
| Hardness | Shore A | 70 | ISO 868 [1] |
| Density | g/cm$^3$ | 0.87 | ISO 2781 |
| Tensile Strength | MPa | 5.2 | ISO 37 Type 1 |
| Modulus 100% | MPa | 2.6 | ISO 37 Type 1 |
| Elongation at Break | % | > 650 | ISO 37 Type 1 |
| Tear Strength | N/mm | 28.1 | ISO 34-1 Method C |
| Biobased carbon content (calculated) | % of TOC | 34 | ASTM D 6866-12 |

[1] After 15 seconds

## Processing

The product should be stored in a dry and cool place in the manufacturer's original packaging. The material can be processed using standard thermoplastic processing methods. Additional processing information is available in our Processing Guides which can be downloaded from our website www.hexpolTPE.com →

| Processing temperatures (°C) | Injection Moulding | Extrusion |
|---|---|---|
| Cylinder | 180 - 210 | 150 - 180 |
| Mould | 15 - 50 | n.a. |
| Predrying | Under normal conditions not necessary. | |



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