



Technical Data Sheet & MSDS Information

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| Part Name | LLDPE 7635 Linear Low density polyethylene resin |
| S&R Part number | 67392 |
| Description | <p>LLDPE 7635 is designed for variety of injection moulding applications, such as housewares, toys etc.</p> <p>LLDPE 7635 is well known for its excellent processing characteristics and high quality assurance.</p> <p>This product complies with U.S. FDA regulation 21 CFR 177.1520 (c) 2.1</p> <p>Additives: Antioxidant</p> |
| Outstanding Properties | <p>Good Processability Good Mechanical Strength Environmental Stress Crack Resistance</p> |
| Processing Conditions | <p>Melt Temperature: 180~300°C Mould Temperature: 10~60°C Injection Pressure: 30~150 kgf/cm²</p> |

| Physical Properties | Unit | Test Method | Value |
|----------------------------------|--------------------|-------------|-------|
| Melt Index | g/10min | ASTM D1238 | 20 |
| Density | g/cm ³ | ASTM D1505 | 0.924 |
| Vicat Softening Point | °C | ASTM D1525 | 95 |
| Melting Point | °C | DSC Method | 124 |
| Tensile Strength at Yield | Kg/cm ² | ASTM D638 | 110 |
| Tensile Strength at Break | Kg/cm ² | ASTM D638 | 112 |
| Elongation at Break | % | ASTM D638 | 650 |
| Brittleness Temperature, F0 , F0 | °C | ASTM D746 | <-76 |
| Hardness | Shore D | ASTM D1706 | 53 |
| Mold Shrinkage | % | - | 1~3 |

1. These are typical properties: Not to be construed as specification.
2. The value for this property is dependant in part geometry and fabrication conditions.

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MSDS Information

As defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200 articles do not require a MSDS / SDS.

Articles are defined by:

An "article" means a manufactured item: (1) which is formed to a specific shape or design during manufacture (2) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (3) which does not release, or otherwise result in exposure to, a [hazardous chemical](#) under normal conditions of use. Any product which meets the definition of an "article," would be exempt from the requirements of the Standard.

Sinclair & Rush Ltd considers all finished parts as "articles" and as such they do not require an accompanying MSDS / SDS.

If you require a MSDS for the materials within the articles please contact osbma@sinclair-rush.co.uk