

# Biffa r-HDPE FOOD GRADE

High Density Polyethylene

Biffa Polymers Ltd

## Message:

r-HDPE FOOD CONTACT APPROVED is a non-pigmented, extrusion grade post consumer recycled compound. The product is manufactured from hot washed, density-separated and super-cleaned raw material, and compounded to a pellet with uniform melt flow and density, along with consistent pellet appearance. The product is acceptable for food contact under specific processing conditions.

| General Information                       |                         |                   |
|-------------------------------------------|-------------------------|-------------------|
| Recycled Content                          | Yes                     |                   |
| Features                                  | Food Contact Acceptable |                   |
|                                           | High Density            |                   |
| Appearance                                | Natural Color           |                   |
| Forms                                     | Pellets                 |                   |
| Processing Method                         | Extrusion               |                   |
| Physical                                  | Nominal Value           | Unit              |
| Density (20°C)                            | 0.950 to 0.964          | g/cm <sup>3</sup> |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 0.50 to 0.70            | g/10 min          |
| Color - deltaE versus virgin HDPE         | 20 to 30                |                   |
| Migration <sup>1</sup>                    | < 10.0                  | ppb               |
| Pellet Size                               | 3.00                    | mm                |
| Volatiles - by Headspace GC-FID           | < 0.300                 | ppm               |
| NOTE                                      |                         |                   |

1.

Migration conditions dependant on use

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## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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