

Product Data Sheet

Date prepared: June 2023

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General Description GR0017 Black Light Duty Wheelie Bin Liner

Sack Dimensions 686x1169x1295

Material Composition Polythene



Properties (Typical)

	Properties	Test Method
Width	1169mm +/- 2.5%	BS 6642
Length	1295mm +/- 2.5%	BS 6642
CHSA Drop Test weight	-	CHSA manufacturing standard BS 6642
Packaging	100 sacks per case – barcode on outer. 108 cases per pallet	

Physical Properties:

Melting Point 105 – 130 Degrees °C. Chemically inert with a high degree of chemical and water resistance.

Burning Behaviour:

Polythene film is difficult to ignite but once ignited it will burn and continue to burn even when the ignition source is removed. Burning will be followed by an odour of paraffin accompanied by flowing or dripping. Carbon monoxide is given off. If inhaled move to fresh air and consult a Doctor.

Molten polythene should not be touched and will cause burns when it comes in contact with exposed skin. Do not try to remove the product treat the area as thermal burn and consult a Doctor. A PE fire can be extinguished using the following media, water spray, foam, carbon dioxide and dry powder. High power jets of water are not recommended in the early stage of a fire as it could help spread the flames.

Specific Hazards associated with burning of PE:

Temperature can exceed 280 degrees °C.

- Thermal decomposition giving off toxic fumes.
- Carbon Monoxide.
- Carbon dioxide.
- Formation of steam.

Specific Hazards associated with PE in its finished state:

- May cause suffocation.

Food Contact Approval

Not all PE products are approved for contact with food. Please contact BPI for more information.

Storage information

PE should be stored away from direct heat and prolonged periods in direct sunlight especially products that contain a degradable.