



TECHNICAL DATA SHEET

KAFRIT INDUSTRIES (1993) LTD.
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ISSUED: 24.09.1998
REVISED: 14.11.2006

1.0 DESCRIPTION

- 1.1 PRODUCT NAME: **LLDPE MB REFLECTIVE SILVER L-2193**
- 1.2 PRODUCT CODE: 3XLLD0201930
- 1.3 COLOR: REFLECTIVE SILVER

2.0 PHYSICAL PROPERTIES

2.1 CARRIER RESIN

- 2.1.1 TYPE: LLDPE
- 2.1.2 MELT INDEX: 20 ASTM D-1238/E
- 2.1.3 DENSITY: 0.92

2.2 MASTERBATCH

- 2.2.1 SPEC. GRAVITY: 1.26
- 2.2.2 ADDITIVE: 30% COLORANTS

3.0 REGULATORY STATUS: TO BE INCORPORATED IN PLASTICS IN CONTACT WITH FOOD.

- 3.1 E.E.C.: THE INGREDIENTS IN THIS PRODUCT ARE REGULATED AS ACCEPTABLE ACCORDING TO THE COMMISSION OF EUROPEAN COMMUNITY DRAFTS: POLYMERS, 1990/128/EC, 1992/39/EC, 1995/3/EC, 1996/11/EC, 1999/91/EC, 2001/62/EC, 2002/17/EC AND 2002/72/EC, 2004/19/EC, 2004/1935/EC. DYESTUFFS AP/89/1.

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3.2 GERMANY: BGVV, THE INGREDIENTS IN THIS PRODUCT ARE REGULATED AS ACCEPTABLE ACCORDING TO EMPFEHLUNG III, VII AND IX OF BUNDESGESUNDHEITSBLATT.

3.3 U.S.A.: THE INGREDIENTS IN THIS PRODUCT ARE REGULATED AS ACCEPTABLE UNDER PARAGRAPHS 175.300, 177.1520 AND 178.3297 TITLE 21 OF THE CODE OF FEDERAL REGULATION.
U.S.A.: THE INGREDIENTS IN THIS PRODUCT CONFORM TO STANDARD CONSUMER SAFETY SPECIFICATIONS ON TOY SAFETY, ASTM F 963-86 (4.3.5.1-4.3.5.4)
FDA CLEARANCE: ONLY ON EVIDENCE OF "NON MIGRATION".

3.4 ISRAEL: THE INGREDIENTS IN THIS PRODUCT CONFORM TO IS 5113 PLASTIC MATERIALS IN CONTACT WITH FOOD.

WE WISH TO POINT OUT THAT OUR RESPONSIBILITY AS MASTERBATCH PRODUCERS CANNOT BE EXTENDED TO INCLUDE THE APPLICATION TO WHICH OUR PRODUCT IS USED BY THE MANUFACTURER. IN PRINCIPLE, THEREFORE, THE MANUFACTURER APPLYING OUR MASTERBATCH WILL BE RESPONSIBLE FOR TESTING THE FINISHED PRODUCT IN CONTACT WITH FOOD, AS WELL AS ITS POSSIBLE INFLUENCE ON THE TASTE AND SMELL OF THE FOOD PRODUCT.

4.0 APPLICATION:

LLDPE MB REFLECTIVE SILVER L-2193 IS SUITABLE FOR THE COLORING OF MOLDED AND EXTRUDED ARTICLES MADE OF LDPE, LLDPE PP AND HDPE.

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5.0 REMARKS:

- RECOMMENDED LET DOWN 2-5 %
- MAXIMUM PROCESSING TEMPERATURE 270 °C
- LIGHT FASTNESS 8
- **LLDPE MB REFLECTIVE SILVER L-2193** PERFORMANCE MAY BE INFLUENCED BY THE PRESENCE OF FILLERS, CATALYST RESIDUES AND OTHER ADDITIVES.
THE EXACT ADDITION LEVEL SHOULD BE DETERMINED ACCORDING TO REQUIREMENTS.
- **LLDPE MB REFLECTIVE SILVER L-2193** IS CADMIUM, LEAD, MERCURY AND CHROMIUM(VI), PBB AND PBDE FREE ACCORDING TO EN71-3, 1994/62/EC, CONEG AND 2002/95/EC (**RoHS**)
- **LLDPE MB REFLECTIVE SILVER L-2193** DOES NOT CONTAIN INGREDIENTS WITH SPECIFIC MIGRATION LIMITS.
- **LLDPE MB REFLECTIVE SILVER L-2193** DOES NOT CONTAIN ADDITIVES FROM ANIMAL ORIGIN.
- **LLDPE MB REFLECTIVE SILVER L-2193** MAY IMPAIR WELDING LINES AND FLOW LINES.
- **LLDPE MB REFLECTIVE SILVER L-2193** EXPECTED SHELF LIFE IS 3 YEARS IF STORED PROPERLY IN COOL DRY CONDITIONS.
- PREDRYING OF **LLDPE MB REFLECTIVE SILVER L-2193** MAY BE REQUIRED. AVOID OVERHEATING.

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