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| --- | --- | --- | --- |
| Job Number : 470 | | **30 /7/2024** | **Date** |
| **شيبسي للصناعات الغذائية** | | | **Customer** |
| **شيبسي خل و ملح 5 ج** | | | **DESIGN REFERENCE** |
| **Quality Pack for Printing & Packaging** | | | **SUPPLER** |
| **Please find the material technical specification for the above designed product under the laboratory condition given below** | | | |
| **OBSERVATION** | **SPECIFICATION** | | **PARAMETER CHECKED** |
| **OK** | **BOPP 25 µ Trans/Bopp Metz 18 µ** | | **STRUCTURE** |
| **48 µ Avg** | **47 µ +/- 5%** | | **FILM THICKNESS** |
| **45.3 g/m2 Avg** | **43 G/M2 +/- 8%** | | **TOTAL GSM** |
| **2.75 g/m2** | **2.72 G/M2** | | **PRODUCT WEIGHT** |
| **19KG** | **19KG** | | **Reel Weight** |
| **332 mm** | **332 mm +/- 1mm** | | **WIDTH** |
| **189 mm** | **190 mm +/- 1 mm** | | **REPEAT LENGTH** |
| **305 mm** | **300 mm +/- 10 mm** | | **OUTER DIAMETER** |
| **76 mm** | **76 mm** | | **CORE DIAMETER** |
| **363 unit/kg** | **367 unit/kg** | | **IMPRESSIONS** |
| **331 Gf/25.4 mm** | **250 Gf/25.4 mm** | | **BOND STRENGTH** |
| **559 Gf/25.4 mm** | **450 Gf/25.4 mm** | | **SEAL STRENGTH** |
| **0.23 NA** | **0.3 NA** | | **COF (BACK/BACK)** |
| **P1 NA** | **P1 NA** | | **REWINDING DIRECTION** |
| **1.8 NA** | **2 NA** | | **COLOR 1 ΔE** |
| **14 Mgm/m2** | **20 Mgm/m2** | | **RESIDUAL SOLVENT** |
| **Accepted** | **Accepted** | | **BARCODE READING** |
| **Very Low** | **Low** | | **ODUR** |
| **Clear** | **Clear** | | **TEXT & PRINT QUALITY** |
| **Not found** | **Not found** | | **FOREIGN OBJECT & CONTAMINATION** |

**Quality Pack for Printing & Packaging**

**Quality Department**

**CERTIFICATE OF ANALYSIS (COA)**

|  |
| --- |
| ***Food Declarations :***  **By means of this Quality Pack FOR PRINTING AND PACKAGING INDUSTRIES confirms that, raw material utilized in production of printed Reels has been certified by the supplier as confirming to the requirement on products according to Egyptian standards es:4245/2008& ES:2339/2007, and according to European directive 10/2011 and his amended directive (EU) no 1282/2011 &1183/2012 and commission regulation (EU) 2019/1338 of august 2019 and also follows regulation (EU) 2020/1245 of September 2020.**  **material does not contain any dual use substance that are authorized as direct food additive by directive 89/107/ECC (FDA) as amended, or as food flavoring by directive 88/388/EEC French regulation in force concerning materials and articles intended to come to contact with food, that is to say sanction decree no2007/766 of 10th may 2007, amended by decree no 2008-1469of 30th December 2008.**  **the chemical using is free from toxic, animal organ, BSE-TSE substances and comply with specifications of regulations (EC)no 2023/2006 ,21CFR**  **BOPP film: It is produced by using FDA approved homo polymer, co polymer and additives as these complies with the United States FDA regulation 21 CFR PARA 177.1520© 1.1 and 3.1 printed surface is inside of the laminates & it will not come in direct contact with food.**  **Inks: the ink has been formulated by ink supplier in accordance with the voluntary regulation relating to printing inks for food packaging materials, European std. EN71/3 &CONEG in laminate form, not coming in direct contact of food.**  **ADHESIVE: two component polyurethane-based adhesive used. The cured adhesive is in accordance with the following food legislation FDA CFR 21 175.105, BgVV regulation section –XXV111, cross linked polyurethane as adhesive for packaging materials.**  **-Free from recycle materials.**  ***Storage Conditions :***  **Store in ambient temperature and keep it away from dust and direct sunlight.  It is advisable to turn over the inventory according to the delivery (first in –first out) .the film is suitable**  **for use up to 6 months from date of production.** |

**Q.C Eng: *Omar* Q.C Manager: Wael Shaharab**