

An underwater photograph of an offshore oil rig structure. The scene is dimly lit, showing various pipes, cables, and structural elements. A diver is visible in the background, and a piece of equipment with a screen is in the foreground. The overall atmosphere is industrial and deep-sea.

10 MAINTENANCE, REPAIR & OPERATIONS

PACKAGING MATERIAL
PROCUREMENT OPPORTUNITIES

MAINTENANCE, REPAIR & OPERATIONS (MRO): PACKAGING MATERIAL

THE FOLLOWING FIVE PRODUCT CATEGORIES WITHIN MRO OFFER LOCAL MANUFACTURING POTENTIAL

Plastic Pallets

**Octabins –
Cardboard**

**SHF 120
micron**

FFS 120 micron

Cold Glue

PLASTIC PALLETS

Overview



Opportunity

- Plastic Pallet current price (2024) is more competitive than Wooden Pallet
- Few local suppliers are available with limited capacity offering competitive price.
- Sourcing for more local suppliers will mean savings on the packaging cost and possibility of widening Borouge Market, promoting sustainability and circular economy



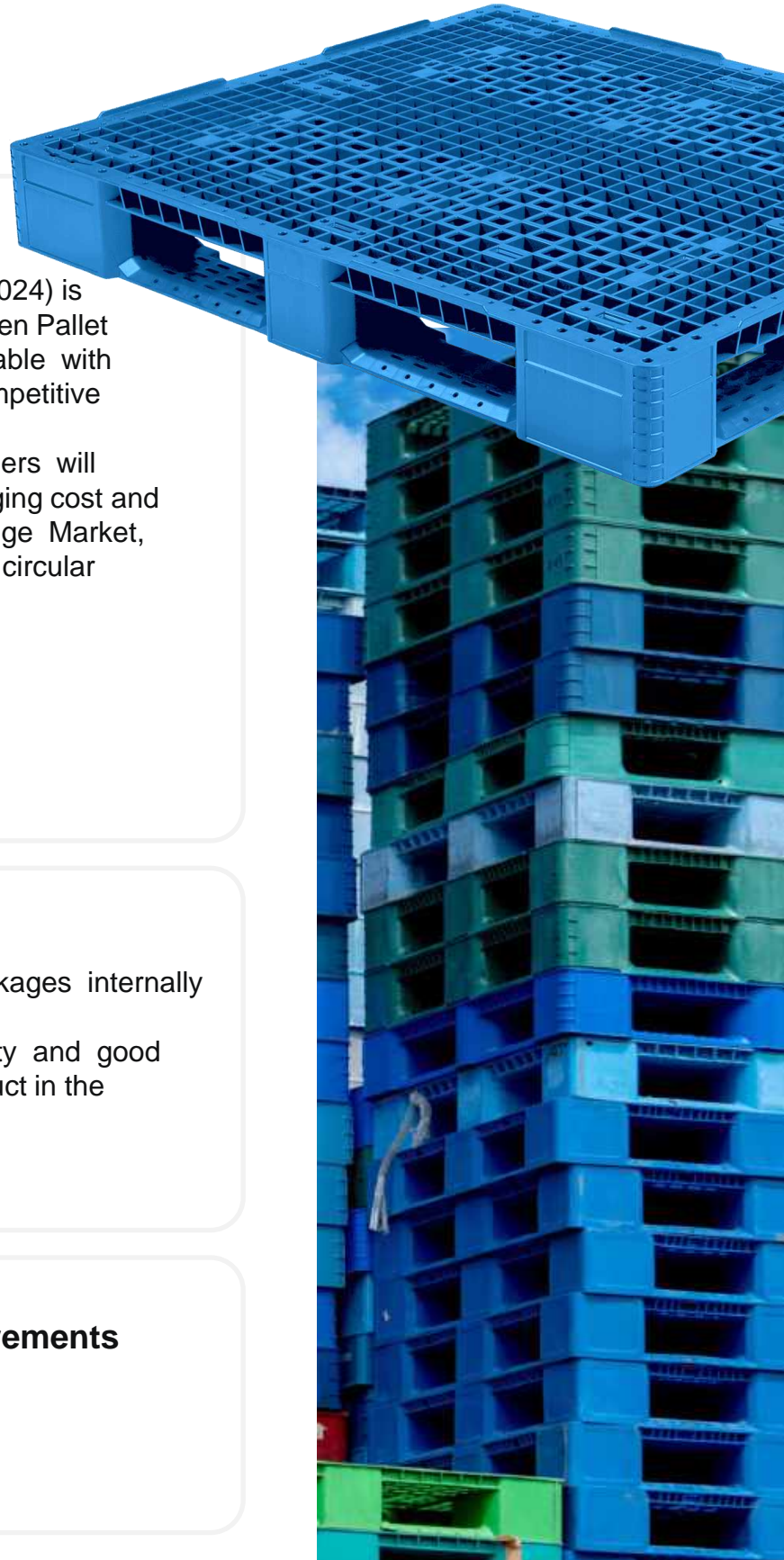
Applications

- Use for transporting our packages internally and externally,
- Utilize for maintaining stability and good appearance of the final product in the Market



ADNOC Standards / Specifications Requirements

- MH-SP-073



OCTABINS – CARDBOARD

Overview



Opportunity

- Requires more suppliers locally or GCC based that will comply to the quality standards and will run smoothly on the highly sophisticated automated packaging line in XLPE packaging line
- Currently there are few European sources supplying Borouge, bringing a capable local supplier is seen to contribute more on the cost savings and will ensure stable business continuity



Applications

- Utilized as bulk container for Full size and half size octabin



ADNOC Standards / Specifications Requirements

- MH-SP-034



COLD GLUE

Overview



Opportunity

- Borouge relies on a single overseas source from the inception till current time
- Developing a local supplier will avoid being monopolized by single supplier
- It is in the best interest of the company to ensure Business Continuity with more local suppliers
- Opportunity to share the volume to the supplier who will be Technically Qualified



Applications

- Used mainly as adhesive applied to each bag surface before palletizing to ensure the whole package will be stable, intact and rigid



ADNOC Standards / Specifications Requirements

- MH-SP-006



120 SHF (STRETCH HOOD FILM)

Overview



Opportunity

- SHF 120 was phased-in partially in 2023 but challenged by quality issues on some suppliers,
- Requires more capable local suppliers that ensures Quality in order to fully implement on the coming years.
- The increasing demand cannot be accommodated by the current suppliers, additional suppliers will solve the possible shortage
- Developing local suppliers will provide competitive price compared to overseas supplier



Applications

SHF 120 micron is used for the following purposes:

- Over- all outer packaging and provides protection of product from environment
- Responsible for controlling or increasing the stability of the package



ADNOC Standards / Specifications Requirements

- MH-SP- 082



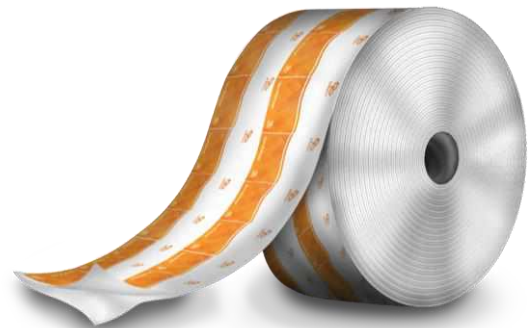
FFS 120 MICRON

Overview



Opportunity

- FFS 120 micron is currently used packaging material to pack Borouge Polyolefin products.
- The increasing FFS demand can be accommodated by the current suppliers, however in cases of unexpected quality issues or delivery failure, it will be difficult for the remaining suppliers to meet the requirement
- Placing additional suppliers on board will solve the possible shortage in terms of supplier's failure
- Developing local suppliers will provide competitive price compared to overseas supplier



Applications

- FFS 120 micron is utilized as the main packaging and container of Borouge polyolefin product
- It carries Borouge logo which serves as the advertising medium of the company
- Hence FFS represents strong and excellent QUALITY of packaging
- It reflects Borouge image reputation



ADNOC Standards / Specifications Requirements

- MH-SP-083