

Technology Request

Injection molding technology for glass polymer container

Summary

A Korean SME active in the field of mold is looking for partners with expert knowledge in polymer to develop a glass polymer container. The company seeks a technical cooperation partner capable of providing the technology at this scale on an economic basis for design, installation and demonstration. License and/ or manufacture agreement is sought. The company is also open to technical and research cooperation.

Creation Date	22 July 2016
Last Update	25 July 2016
Expiration Date	25 July 2017
Reference	TRKR20160722001

Details

Description

A Korean company which produces a household goods, cosmetic packaging, and mold is seeking technology to make a glass polymer.

The company is planning to produce a glass polymer container, which uses a plastic material. The demand of replacing glass container has been rising from cosmetic industry. However, the company faces obstacles in meeting required quality and shape of product that customer demand. Therefore the company's goal is to make a product that has equivalent quality and shape of current glass container.

The technology for this particular product should be able to form a polka dot at the bottom of inner container and makes a lifted soft line on left and right side. Also, technology would sustain the clarity and thickness of container.

The company is interested in licensing agreement, manufacturing agreement, research cooperation agreement and technical cooperation agreement. The partner will possess the technology and will gain right to commercialize the product. Also the partner of technical cooperation agreement should provide the necessary technologies that would help reaching the goal.

Technical Specification or Expertise Sought

The technology has to meet the following criteria:

- Substitute of glass bottle
- Not heavy and Fragile
- Less cost and wastage
- Overcomes coloring limitation of using glass

Keywords

Technology

02002013 Moulding, injection moulding, sintering
02005004 Packaging for materials

Market

07004008 Other consumer products

NACE

C.22.2.9 Manufacture of other plastic products
C.23.1.4 Manufacture of glass fibres

Network Contact

Issuing Partner

Deltatech-Korea Ltd

Contact Person

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Phone Number

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Open for EOI : **Yes**

Client

Type and Size of Organisation Behind the Profile

Industry SME 50-249

Year Established

0

Already Engaged in Trans-National Cooperation

No.

Languages Spoken

English

Client Country

South Korea

Partner Sought

Type and Role of Partner Sought

Type of partner sought

- SME, Universities, Research institution, and larger company

Specific area of activity of partner

- Heavy extrusion blow, injection blow, glasspolymer

Tasks to be performed by the partner sought

- Help on developing and manufacturing new products
- Technical cooperation agreement partner, help on developing the technology
- License agreement partner, can commercializing the product and hold right to distribute

Type of Partnership Considered

License agreement

Manufacturing agreement

Technical cooperation agreement

Research cooperation agreement