

**TECHNOLOGY****FROM ISRO****PMC 30 Silicone coating system**

Vikram Sarabhai Space Centre has developed a good number of specialty coatings to meet the specific requirements in Launch Vehicles and Satellites. These coatings may also find various industrial applications.

PMC 30 is a room temperature curable silicone based coating system, containing micro-balloons and other fillers, which imparts low thermal diffusivity to the system. They are used in Thermal Protection System in launch vehicles and cryo tank. They are processed by the preparation of premix in dual speed mixer and blending of fillers and premix in sigma mixer.

The Centre would require approximately 2 Tons of PMC 30 per annum.

**Typical Properties / characteristics:**

Part A : Red coloured, dough material  
Part B : Transparent.  
Density : 0.6 g/ cc

ISRO offers to license this know-how to capable small/medium scale specialty silicone based polymer manufacturers, looking for new product line. Interested parties are requested to respond immediately with details of their present activities and product lines, capabilities, infrastructure, their own product assessment and their plans for implementing the technology.

For further details, please contact:  
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