

Sealant EPY 2121N

EPY 2121N is a two-part epoxy-amine based sealant containing mica filler which impart high insulation resistance. This castable compound is designed to have pourable consistency and long work life, which result in void free filling of the cavities. Cure is achieved by the application of heat and the sealant exhibits good high and low temperature service capability.

Typical Properties / characteristics:

PRoPeRtY	
Colour and consistency	Grey viscous liquid
Viscosity at 30° C (ps)	5000 - 10000
Pot life	>3 hours.
Epoxy value (eq./kg)	3 - 4.5
Cure	Ambient (25-35° C) / 18-24hrs followed by 60-65° C/5hrs
Lap shear strength on A1-A1 at RT	>100 ksc.

Technology Transfer From ISRO

ISRO is willing to offer the knowhow of this technology to suitable entrepreneurs / industries in India. Capable manufacturing industries interested in acquiring this knowhow may write with details of their present activities, requirements and plans for implementation, infrastructure and technical expertise available with them, their own market assessment, if any, and plans for diversification to the address given below: