Why hammer blows can't shatter

EPON RESIN

In one hand ordinary resin... shattered by a single hammer blow. In the other hand EPON resin... still intact after repeated hammer blows. Quite a significant difference! It means that varnishes and enamels made with Epon resins RESIST abrasion, scratching and chipping.

The secret of this ability lies in the chemical structure of the Epon resin molecule... an entirely new class of condensation polymer. Its reactive groups are evenly spaced along the chain so that the curing agents which cross-link the resin and make it thermosetting are also uniformly separated... this accounts for the flexibility of the cured resin.

Moreover, the polar nature of the Epon molecule contributes outstanding adhesion... so tenacious that an unprimed zinc die casting can be finished with a single coat of an Epon resin enamel.

As a plus quality, Epon resins have fine resistance to detergents, caustics, many acids and stain-producing agents.

Although the demand for Epon resins is ahead of present production, increased capacity is on the way. Now is the time to develop your formulations based on these new resins. Experimental quantities may be obtained for evaluation.