



FEATURED CASE STUDY

HOW VICTREX PEEK™ SOLVES DESIGN CHALLENGES IN SOFT MIST INHALER





CHALLENGE

Boehringer Ingelheim needed to overhaul the materials used within their Respimat[®] inhaler, to move away from metals.

They were seeking a solution that was:

- mechanically strong & chemically resistant
- easy to mass produce through moulding of very small parts, without the need for costly machining

➤ SOLUTION

VICTREX™ PEEK was selected as the material of choice for the newly designed Respimat® re-usable inhaler dosing chamber, because of its:

- Excellent compressive strength and creep resistance
- Very good dimensional stability
- Outstanding chemical resistance
- Purity (does not contain any additives or processing agents)
- Very low level of leachable or extractables, and therefore no interactions with the drug
- Design freedom and easier processing



Discover more about VICTREX™ PEEK for implantable and non-implantable medical devices: [**victrex.com/drugdelivery**](http://victrex.com/drugdelivery)



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