

PRETECH HIGH PERFORMANCE PPE



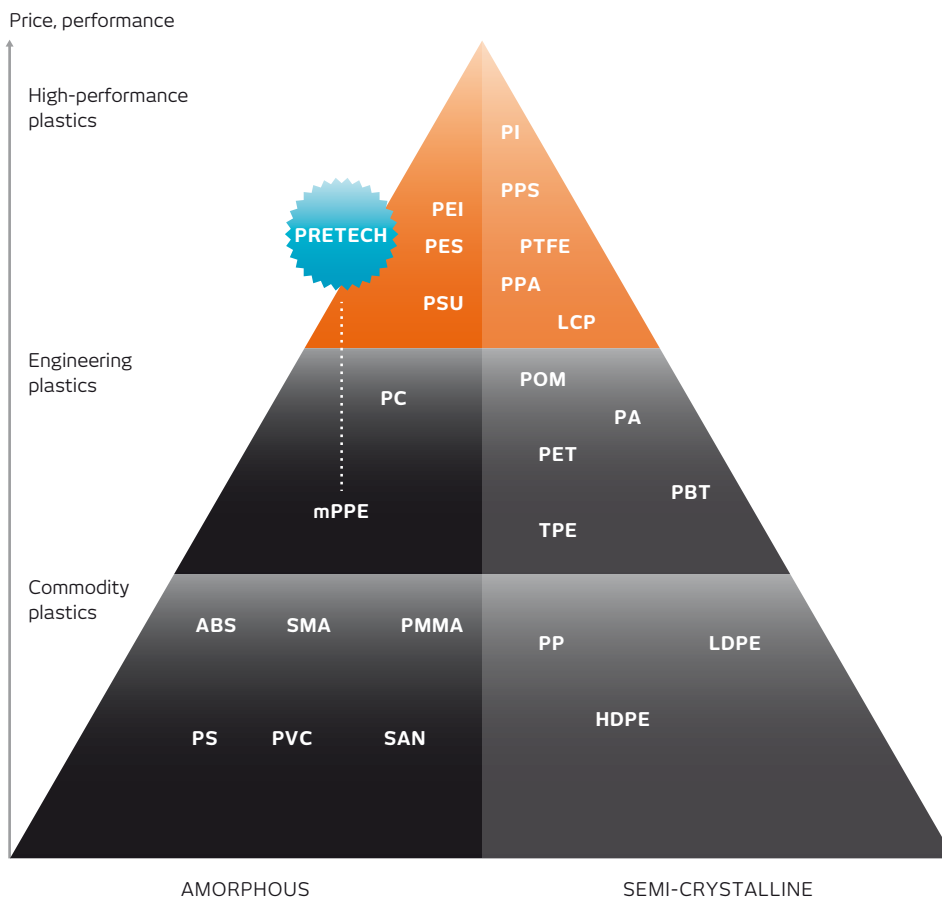
PREMIX HAS TAKEN PPE-COMPOUNDS TO A NEW PERFORMANCE LEVEL

PRETECH

- glass transition temperatures (T_g) up to 207°C
- heat deflection temperatures (HDT) up to 200°C
- outstanding physical properties even at sub zero temperatures
- low water absorption
- inherently flame resistant
- excellent chemical resistance against acids and alkaline
- very low density

We offer just one product. A solution. Generating this solution is our job. Our way of working is based on strong dedication to our customers: We share the targets, but the challenge is ours.

Pyramide of plastics



Plastic pyramid and high performance PPE, PRETECH's placement in the scale.

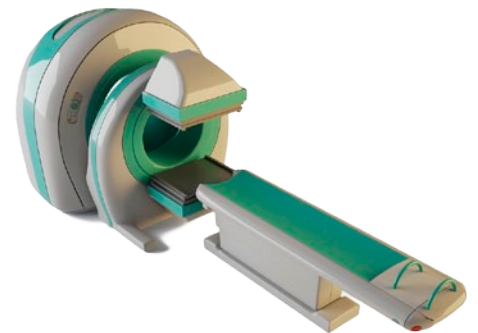
New invention takes PPE to a higher performance level

PRETECH offers properties not earlier available in PPE resin systems. PPE is a great polymer, but it cannot be processed as such. This is why all PPE grades are plasticized with another polymer. Polystyrene is normally used, but also modified polyamide and polypropylene grades exist.

Premix has developed a new patented technology to enable the best combination of existing PPE properties

and properties previously seen in much more expensive resins. The PRETECH plasticizing technology provides processability without lowering the T_g of neat PPE. This gives much higher temperature resistance than ever seen on PPE resins together with all the best properties of neat PPE, such as very low water absorption, low density, inherent flame retardance and excellent dielectric properties.

That makes PRETECH a true high-performance PPE justifying its position



PRETECH applications are found in electronics and defence, aerospace, and medical devices.



PRETECH technology can be easily utilized in creation of special grades like high heat resistant electrically conductive component trays.

on the very top of the plastic pyramid. Being a melt-compounded product, PRETECH can be easily and cost-efficiently modified to optimally meet desired property combinations.

Extensive expertise through innovative material solutions

PRETECH PPE compounds are part of the Premix's Plastics in Electronics business unit developing innovative material solutions to serve the needs of the telecommunications industry.

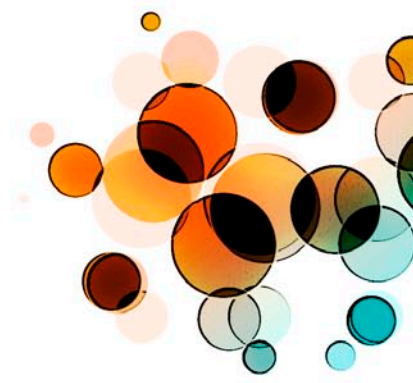


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CARING. CREATING. COMMITTED.

We Care. We know that we can make good things even better. We Create by challenging ourselves every day. We are Committed to doing things better. This is our way of fulfilling our promise. Both to ourselves and to our customers.