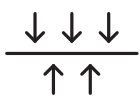


# ZELLAMID® 1000 GF30

PEI + 30 % Glass fibre



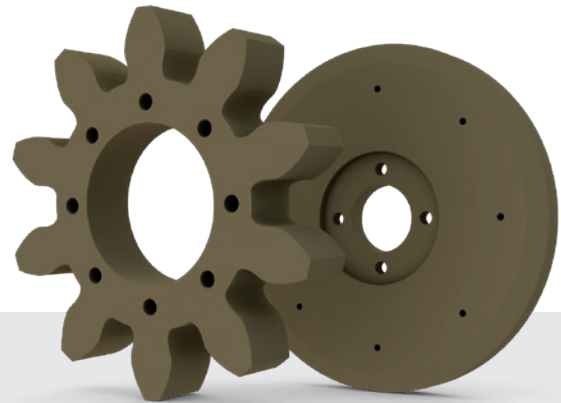
HIGH  
STIFFNESS



HEAT-RESISTANT  
DIMENSIONAL STABILITY



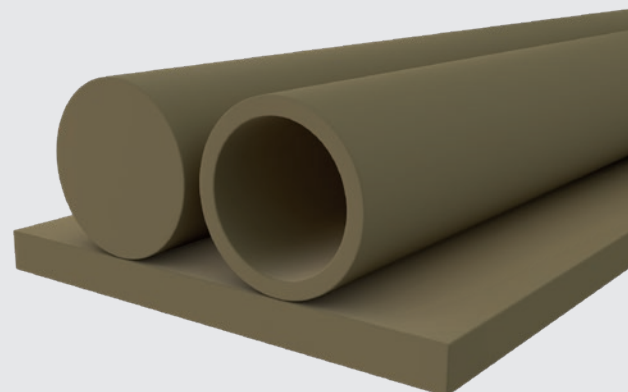
MECHANICALLY  
DURABLE



**STRONG. STIFF. SHAPE-RETAINING.  
WHEN PEI CARRIES MAXIMUM LOAD.**

**ZELLAMID® 1000 GF30** is glass fiber reinforced and therefore offers significantly higher stiffness and strength than unreinforced PEI. The material also remains dimensionally stable at high temperatures and is suitable for components that must reliably maintain their function under heavy mechanical load.

**ZELLAMID® 1000 GF30** is primarily used in electronics, aerospace, and mechanical engineering. Typical applications include housings, mounts, and structural parts that require high stiffness, temperature resistance, and dimensional accuracy even under continuous load.



Please contact us  
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# ZELLAMID® 1000 GF30

Industry	Component	Requirement	Reason
Electronics	Housings, insulators	Heat resistance & insulation	<b>ZELLAMID® 1000 GF30</b> remains dimensionally stable and electrically insulating even at high temperatures
Aerospace	Structural and mounting parts	High stiffness at low weight	<b>ZELLAMID® 1000 GF30</b> replaces metal parts and reduces weight while maintaining stability
Mechanical Engineering	Bearing blocks, precision parts	Dimensional accuracy under load	<b>ZELLAMID® 1000 GF30</b> hardly deforms even under continuous stress and offers reliable stability
Medical Technology	Functional and housing parts	Temperature & sterilization resistance	<b>ZELLAMID® 1000 GF30</b> withstands repeated thermal stresses and remains dimensionally stable

