

Glass Bead-Reinforced Nylon 12

ASPEX-GB2Neo

A powdered material created by mixing glass beads into ASPEX-PA2Neo. Compared to ASPEX-GB (Nylon 12 + Glass Beads), it has a higher glass content, resulting in improved strength and elastic modulus.



● Key Characteristics

ASPEX-GB2Neo can maintain even higher airtightness with post-processing such as impregnation.

It also offers excellent resistance to gasoline, engine oil, and transmission oil and has a proven track record in LLC (long-life coolant/antifreeze) applications.

Excellent rigidity / High heat resistance / High elastic modulus

● Main Applications

Automotive interior parts

electronic device enclosures

housing-related components

jigs, machinery tools, fitting parts, etc.

● Material properties

	Property values	Applicable standards
Maximum Tensile Stress	50MPa	JIS K7161
Tensile Modulus	4000MPa	JIS K7161
Elongation at break	3%	JIS K7161



The listed data is subject to change without prior notice.