ASEC



ENGINEERING PLASTICS POM AE-ZL900GF30

SKU: AEZL900GF30

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Categories: POM

Features

- Increased stiffness and dimensional stability.
- Reduced humidity absorption.
- Increased hardness.
- Increased modulus of elasticity.
- Color Natural.

Material
Pom with glass fibre.

AEZL900GF30 Is reinforced with glass fiber. It is increased stiffness and dimensional stability, increased hardness, and modulus of elasticity. It also reduces humidity absorption.

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Availablity		Value	Unit
Rod diameters		16-90	mm
Length standard		3000	mm
Sheet size		1000x2000	mm
Sheet thickness		10-25	mm
Physical properties	**Test standard**	**Value**	**Unit**
Density		1,58	g/cm³
Food contact allowed		Low	
Wear Resistance		High	
Dimensional stability		High	
Mechanical properties	**Test standard**	**Value**	**Unit**
Tensile strength	ISO 527	135	MPa
Elongation at break	ISO 527	2,5	%
Modulus of elasticity in tension	ISO 527	9200	MPa
Charpy impact strength +23°C	ISO 179/1eU	30	kJ/m²
Charpy notched impact strength +23°C	ISO/1eA	8	kJ/m²
Thermal properties	**Test standard**	**Value**	**Unit**
Min. working temperature		-20	°C
Max. working temperature		100	°C
Inter. working temperature		140	°C
Flammability	UL 94	HB	[-]
Electrical properties	**Test standard**	**Value**	**Unit**
Dielectric strength	IEC 243	50	KV/mm
Volume resistivity	IEC 93	10 14	Ω.cm
Surface resistivity	IEC 93	10 12	Ω
Friction properties	**Test standard**	**Value**	**Unit**
Thermal coefficient of linear expansion	DIN 53752	4-8	1/K.10-5
Coefficient of friction		High	

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