

Opole 11.01.2022

Material Data Sheet: PA 6 GF 30%

Polyamide 6 strengthened with glass fiber 30%, non-halogenic, for injection

Form: granules, colour: black

Properties	Test method	Test conditions	Units of measurement	Value
PHYSICAL				
Density	ISO 1183		g/cm ³	1,34
Flow index MFR	ISO 1133	275°C/5 kg	g/10 min	65
Processing shrinkage	ISO 394-4	60x60x2	%	
Moisture amount			%	<0,2
MECHANICAL				
Breaking strain	ISO 527	5 mm/min	MPa	95
Elongation after fracture	ISO 527	5 mm/min	%	3,2
Elastic modulus under stretching	ISO 527	1 mm/min	MPa	7740
Charpy impact toughness	ISO 179	20 °C	kJ/m ²	4,8
COMBASTIBILITY				
Combustibility	UL94	1,5 mm	class	HB

Mass temperature: 250 – 280 C

Form temperature: 80 C

Information regarding drying before processing:

This product should be dried at 80 C in 3-4 hours' time.

Packaging: octabin up to 1000 kg, big bags.

Translated by M.Fox / PROINVEST LLC