DILEAS POLYMER

BL-37-BK – Nylon 6 reinforced with 30% glass fiber and minerals

PA6 glass fiber reinforced 30% and heat stabilized with high stiffness, good flowability and excellent heat aging resistance for technical articles.

Properties	Test method	Value	Units
Density at 23°C	ASTM D792	1.39	g/cm^3
Melt Flow Index (MFI) at 275°C – 2.16 kg	ASTM D1238	12	$g/10min$
Ash content 600°C – 1.5 h	ASTM D5630	<40	%
Mechanical properties			
Tensile strength	ASTM D638	112	MPa
Elongation at break	ASTM D638	6	%
Flexural strength	ASTM D790	186	MPa
Flexural modulus	ASTM D790	6,900	MPa
Notched Izod impact	ASTM D256	101 / 8	J/m / kJ/m^2
Processing			
Drying		4-6	Hours
Melt temperature		255-280	°C
Mold temperature		75-100	°C

The data contained in this datasheet is based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose.