DILEAS POLYMER

AL-37-BK – Nylon 66 reinforced with 30% glass fiber and minerals

General purpose PA66 for injection molding applications mainly for industrial and consumer components.

Properties	Test method	Value	Units
Density at 23°C	ASTM D792	1.35	g/cm^3
Melt Flow Index (MFI) at 275°C – 2.16 kg	ASTM D1238	18	$g/10min$
Ash content 600°C – 1.5 h	ASTM D5630	<35.0	%
Mechanical properties			
Tensile strength	ASTM D638	100	MPa
Elongation at break	ASTM D638	6.5	%
Flexural strength	ASTM D790	135	MPa
Flexural modulus	ASTM D790	6,400	MPa
Notched Izod impact	ASTM D256	87 / 6.8	J/m / kJ/m^2
Processing			
Drying		4-6	Hours
Melt temperature		275-295	°C
Mold temperature		75-90	°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.