AKROMID® B28 GF 33 1 GIT black (6846)

PA6-GF33 Akro-Plastic GmbH

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	**40 / ***	cm³/10min	ISO 1133
Temperature	**275 / ***	°C	-
Load	**5 / ***	kg	-

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	**10500 / 6600**	MPa	ISO 527
Stress at break	**190 / 120**	MPa	ISO 527
Strain at break	**3 / 4.5**	%	ISO 527
Flexural modulus, 23°C	**9000 / -**	MPa	ISO 178
Flexural strength	**275 / -**	MPa	ISO 178
Charpy impact strength, +23°C	**95 / 105**	kJ/m²	ISO 179/1eU
Charpy notched impact strength, +23°C	**14 / 18**	kJ/m²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	**220 / ***	°C	ISO 11357-1/-3
Burning behav. at 1.5 mm nom. thickn.	**HB / ***	class	IEC 60695-11-10
Thickness tested	**1.6 / ***	mm	-

Other properties	dry / cond	Unit	Test Standard
Density	**1380 / -**	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	**270**	°C	-
Mold temperature	**80**	°C	-
Injection pressure	**75**	MPa	-

Characteristics

Processing
Injection Molding

Special Characteristics
Heat stabilized or stable to heat

Delivery form
Black

Regional Availability
Europe, Asia Pacific