

TEREZ ABS 3016 GF 17

ABS

Ter Plastics

Product Texts

ABS with medium flowability, 17% GF reinforced.

For all kind of application with increased requirements of stiffness and dimensional stability.

Rheological properties	Value	Unit	Test Standard
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ISO Data

Melt flow index, MFI	15	g/10min	ISO 1133
MFI temperature	220	°C	ISO 1133
MFI load	10	kg	ISO 1133

Mechanical properties	Value	Unit	Test Standard
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ISO Data

Yield stress	85	MPa	ISO 527-1-2
Charpy notched impact strength (+23°C)	7.5	kJ/m ²	ISO 179/1eA
Flexural modulus (23°C)	5500	MPa	ISO 178

Thermal properties	Value	Unit	Test Standard
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ISO Data

Temp. of deflection under load (1.80 MPa)	103	°C	ISO 75-1-2
Vicat softening temperature, 50°C/h 50N	106	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10

Other properties	Value	Unit	Test Standard
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ISO Data

Density	1150	kg/m ³	ISO 1183
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Characteristics**Processing**

Injection Molding

Features

Amorphous

Delivery form

Pellets

Applications

Automotive, Building Construction, IT / Business Machine, Electrical and Electronical, Encapsulation