

**TEREZ ABS 3219**

ABS

Ter Plastics

**Product Texts**

ABS with flame retardant for different kind of moulding parts.

Suitable for flame retardant injection moulding parts.

**Rheological properties**      **Value**      **Unit**      **Test Standard****ISO Data**

Melt flow index, MFI	55	g/10min	ISO 1133
MFI temperature	220	°C	ISO 1133
MFI load	10	kg	ISO 1133

**Mechanical properties**      **Value**      **Unit**      **Test Standard****ISO Data**

Tensile Modulus	2100	MPa	ISO 527-1/-2
Yield stress	42	MPa	ISO 527-1/-2
Charpy notched impact strength (+23°C)	15	kJ/m <sup>2</sup>	ISO 179/1eA
Flexural modulus (23°C)	2200	MPa	ISO 178

**Thermal properties**      **Value**      **Unit**      **Test Standard****ISO Data**

Temp. of deflection under load (1.80 MPa)	69	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	86	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10

**Other properties**      **Value**      **Unit**      **Test Standard****ISO Data**

Density	1190	kg/m <sup>3</sup>	ISO 1183
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**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Flame retardant

**Delivery form**

Pellets

**Features**

Amorphous

**Additives**

Flame retarding agent

**Applications**

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