


**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
<b>ISO Data</b>			
Melt flow index, MFI	55	g/10min	ISO 1133
MFI temperature	220	°C	ISO 1133
MFI load	10	kg	ISO 1133
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	2100	MPa	ISO 527-1/-2
Yield stress	42	MPa	ISO 527-1/-2
Charpy notched impact strength (+23°C)	15	kJ/m²	ISO 179/1eA
Flexural modulus (23°C)	2200	MPa	ISO 178
<b>Thermal properties</b>			
<b>ISO Data</b>			
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
<b>Other properties</b>			
<b>ISO Data</b>			
Density	1190	kg/m³	ISO 1183

**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