


TEREZ ABS 3219 UV

ABS

Ter Plastics

Product Texts

 ABS with flame retardant and UV stabilizer 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
Tensile Strength	41	MPa	ISO 527-1/-2
Yield stress	40	MPa	ISO 527-1/-2
Stress at break	40	MPa	ISO 527-1/-2
Strain at break	4	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	15	kJ/m ²	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 ³	ISO 1183

Characteristics

Processing	Special Characteristics
Injection Molding	Flame retardant
Delivery form	Features
Pellets	Amorphous
Additives	Applications
Flame retarding agent	Building Construction, IT / Business Machine, Chemical Process, Electrical and Electronical, Encapsulation