

MAGNUM™ 3416 SLG

ABS

Trinseo

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	8.5	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Molding shrinkage, normal	0.6	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	1900	MPa	ISO 527
Yield stress	39	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	2050	MPa	ISO 178
Charpy notched impact strength, +23°C	12	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	8	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	84	°C	ISO 75-1/-2
Vicat softening temperature, B	107	°C	ISO 306
Other properties			
Density	1050	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Heat stabilized or stable to heat

Features

Scratch Resistant

Applications

Automotive

Regional Availability

North America