

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	3.1	g/10min	ISO 1133
Temperature	230	°C	-
Load	3.8	kg	-
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Molding shrinkage, normal	0.5	%	ISO 294-4, 2577
ASTM Data			
Melt Flow Index, MFI	3.1	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1920	MPa	ISO 527
Yield stress	37	MPa	ISO 527
Yield strain	2.8	%	ISO 527
Strain at break	19	%	ISO 527
Flexural modulus, 23°C	2070	MPa	ISO 178
Charpy notched impact strength, +23°C	16	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	11	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	18	kJ/m ²	ISO 180/1A
Izod notched impact strength	11	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-
ASTM Data			
Tensile Modulus	2075	MPa	ASTM D 638
Tensile Strength at Yield	40	MPa	ASTM D 638
Elongation at Yield	2.8	%	ASTM D 638
Elongation at Break	22	%	ASTM D 638
Flexural Modulus	2144	MPa	ASTM D 790
Flexural Strength	64.1	MPa	ASTM D 790
Izod Impact notched, 1/8 in	187	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	128	J/m	ASTM D 256
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	82	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	97	°C	ISO 75-1/-2
Vicat softening temperature, B	101	°C	ISO 306
ASTM Data			
Coefficient of Thermal Expansion, MD	82.8	E-6/K	ASTM D 696
Coefficient of Thermal Expansion, TD	90	E-6/K	ASTM D 696
DTUL @ 66 psi	96.7	°C	ASTM D 648
DTUL @ 264 psi	82.2	°C	ASTM D 648
Vicat Temperature	101	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1050	kg/m ³	ISO 1183
Density	1050	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	82 - 85	°C	-
Pre-drying - Time	≥2	h	-
Melt temperature	243 - 271	°C	-
Mold temperature	38 - 66	°C	-
Zone 1	238	°C	-
Zone 2	249	°C	-

MAGNUM™ 3325 SLG

ABS

Trinseo

Zone 3	254	°C	-
Nozzle temperature	249 - 254	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

North America, South and Central America

Applications

Automotive