

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	19	g/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2000	MPa	ISO 527
Yield stress	65	MPa	ISO 527
Nominal strain at break	>50	%	ISO 527
Stress at break	65	MPa	ISO 527
Flexural modulus, 23°C	2300	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	70	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	R 120	-	ISO 2039-2
<b>ASTM Data</b>			
Taber Abrasion Resistance	12	mg/1000 cycles	ASTM D 1044

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	125	°C	ISO 75-1/-2
Vicat softening temperature, A	145	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	2.4	mm	-
Yellow Card available	yes	-	-
Oxygen index	28	%	ISO 4589-1/-2
<b>ASTM Data</b>			
Coefficient of Thermal Expansion, MD	65	E-6/K	ASTM D 696

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Relative permittivity, 1MHz	2.85	-	IEC 62631-2-1
Dissipation factor, 1MHz	92	E-4	IEC 62631-2-1
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Electric strength	30	kV/mm	IEC 60243-1
<b>ASTM Data</b>			
Arc Resistance	110	s	ASTM D 495

Optical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Luminous transmittance	87	%	ISO 13468-1, -2

Other properties	Value	Unit	Test Standard
Density	1200	kg/m <sup>3</sup>	ISO 1183

**Characteristics**

**Delivery form**

Pellets

**Additives**

Release agent

**Applications**

General Purpose

**Regional Availability**

North America, Europe, Asia Pacific

**Special Characteristics**

U.V. stabilized or stable to weather