

Property

TYPICAL PROPERTIES <sup>(1)</sup>			
MECHANICAL	Value	Unit	Standard
Tensile Modulus, 1 mm/min	8700	MPa	ISO 527
IMPACT	Value	Unit	Standard
Izod Impact, unnotched, 23°C	736	J/m	ASTM D 4812
Izod Impact, notched, 23°C	179	J/m	ASTM D 256
Multiaxial Impact	7	J	ISO 6603
Izod Impact, unnotched 80*10*4 +23°C	49	kJ/m <sup>2</sup>	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	16	kJ/m <sup>2</sup>	ISO 180/1A
THERMAL	Value	Unit	Standard
HDT, 0.45 MPa, 3.2 mm, unannealed	146	°C	ASTM D 648
CTE, -40°C to 40°C, flow	-	1/°C	ASTM E 831
CTE, -40°C to 40°C, xflow	-	1/°C	ASTM E 831
CTE, 23°C to 60°C, flow	-	1/°C	ISO 11359-2
CTE, 23°C to 60°C, xflow	-	1/°C	ISO 11359-2
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	144	°C	ISO 75/Af
PHYSICAL	Value	Unit	Standard
Moisture Absorption, 50% RH, 24 hrs	0.08	%	ASTM D 570
Mold Shrinkage, flow, 24 hrs	0 - 0	%	ASTM D 955
Dynamic COF	-	-	ASTM D 3702 Modified
Static COF	-	-	ASTM D 3702 Modified
Moisture Absorption (23°C / 50% RH)	0.12	%	ISO 62

Source GMD, last updated:01/14/2008

Processing

THESE PROPERTY VALUES ARE NOT INTENDED FOR SPECIFICATION PURPOSES.

PLEASE CHECK WITH YOUR [\(LOCAL SALES OFFICE\)](#) FOR AVAILABILITY IN YOUR REGION

(1) Typical values only. Variations within normal tolerances are possible for various colors. All values are measured after at least 48 hours storage at 23°C/50% relative humidity. All properties, except the melt volume and melt flow rates, are measured on injection molded samples. All samples tested under ISO test standards are prepared according to ISO 294.

(2) Only typical data for selection purposes. Not to be used for part or tool design.

(3) This rating is not intended to reflect hazards presented by this or any other material under actual fire conditions.

(4) Internal measurements according to UL standards.

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