

Hylex® P1010G40 HB

PC-GF40

Ravago Manufacturing Americas

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	7	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.0015	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	152	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	10000	MPa	ASTM D 790
Rockwell Hardness	M 93	-	ASTM D 785
Izod Impact notched, 1/8 in	130	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	154	°C	ASTM D 648
DTUL @ 264 psi	149	°C	ASTM D 648
Vicat Temperature	166	°C	ASTM D 1525
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	16	kV/mm	ASTM D 149
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
Arc Resistance	120	s	ASTM D 495
Other properties			
Water Absorption, 24hr	0.12	%	ASTM D 570
Density	1520	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Delivery form

Pellets