



MANUFACTURERS OF
ELECTRICAL INSULATION MATERIALS
 INSULATING COMPONENTS FOR
POWER SYSTEMS EQUIPMENT

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MATERIAL DATA SHEET

Item: GlashtermGradeHT200

Description: GlashtermGradeHT200insulatingmaterialisideal plasticandzincdiecastmoldswithoperatingtemp eraturesupto550 °F.Itsthermalinsulating capabilityprovidefasterstartupsandincreasedop eratingefficiencywhileitshighstrength provideslongservicelife

Itiscompletelyasbestos-freeandruggedtowithst androughhandlingduringinstallation.Itis easilycutandmachinedwithstandardmetalworking equipment.Diamondcuttingtoolsare recommendedforlonglife.

Availability: LaminateSheets: Thickness: English units ¼”to2” SI Units 6.35cmto50.8cm
 SheetSizes: 36”x72”,48”x96” 94cmx185cm, 121cmx243.84cm

Key Characteristics:	Test Method	Units - English (SI)	Typical Values
StandardColor			WhiteorGreen
WaterAbsorption(1/8”thick)	ASTMD570	%	0.2
CompressiveStrength:			
@75°F/24°C	ASTMD695	psi(MPa)	49,000(338)
@302°F/150°C	ASTMD695	psi(MPa)	27,000(186)
@392°F/200°C	ASTMD695	psi(MPa)	18,000(124)
@550°F/288°C	ASTMD695	psi(MPa)	17,000(117)
ImpactStrengthIZOD(Edgewise)	ASTMD256	ft-lbs/in(J/cm)	8(4.3)
SpecificGravity	ASTMD792	lbs/in ³ (g/cc)	123(1.97)
DielectricStrength(Perp.1/16”,air)	ASTMD149	V/mil(kV/mm)	50(2)
MaximumServiceTemp.			550F(288°C)
ContinuousUseTemp.			412F(200°C)
ThermalConductivity	ASTMC177	BTU*In/Hr*Ft ² *°F(W/m*K)	1.9(0.27)

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