

Hybrid S451H

PC/ABS

Ravago Manufacturing Americas



Product Description

PC/ABS, High Flow, Flame Retardant

Property	Test Method	Value DAM	Units
Physical			
Specific Gravity	ISO 1183	1.25	-
Melt Flow (260°C/2.16kg)	ASTM D 1238	20	g/10 min
Shrinkage (Flow Direction, 1/8 in.)‡	ISO 294-4	0.5-0.7	%
Mechanical			
Strength at Break	ISO 527-1	63	MPa
Strain at Break	ISO 527-1	45	%
Flexural Modulus	ISO 178	2550	MPa
Flexural Strength	ISO 178	84	MPa
Notched Izod Impact	ISO 180	46	kJ/m ²
Hardness (M-Scale)	ISO 2039	-	-
Thermal			
Heat Deflection Temperature			
0.45 MPa	ISO 75-2/B	107	°C
1.80 MPa	ISO 75-2/A	94	°C
Vicat Softening Temperature	ISO 306	110	°C
Flammability File Number E157012			
Flammability Classification	UL 94		
1.5 mm		V0	-
2.5 mm		-	-