

# Hybrid S464

PC/ABS

Ravago Manufacturing Americas



## Product Description

PC/ABS, General Purpose, Improved Toughness and HDT

Property	Test Method	Value DAM	Units
<b>Physical</b>			
Specific Gravity	ISO 1183	1.12	-
Melt Flow (260°C/3.8kg)	ASTM D 1238	15	g/10 min
Melt Flow (260°C/2.16kg)	ASTM D 1238	6.2	g/10 min
Melt Flow (230°C/3.8kg)	ASTM D 1238	2.5	g/10 min
Shrinkage (Flow Direction, 1/8 in.)‡	ISO 294-4	0.5-0.7	%
<b>Mechanical</b>			
Strength at Break	ISO 527-1	55	MPa
Strain at Break	ISO 527-1	60	%
Flexural Modulus	ISO 178	2344	MPa
Flexural Strength	ISO 178	72	MPa
Notched Izod Impact	ISO 180	45	kJ/m <sup>2</sup>
Hardness (M-Scale)	ISO 2039	-	-
<b>Thermal</b>			
Heat Deflection Temperature			
0.45 MPa	ISO 75-2/B	-	°C
1.80 MPa	ISO 75-2/A	110	°C
Vicat Softening Temperature	ISO 306	-	°C
<b>Flammability</b>			
			File Number E157012
Flammability Classification	UL 94		
1.5 mm		HB	-
3.0 mm		-	-