

Hylac® HF143

ABS

Ravago Manufacturing Americas

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	50	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
ASTM Data			
Melt Flow Index, MFI	4.5	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	2790	MPa	ASTM D 638
Tensile Strength at Yield	44.8	MPa	ASTM D 638
Elongation at Break	20	%	ASTM D 638
Flexural Modulus	2550	MPa	ASTM D 790
Rockwell Hardness	R 115	-	ASTM D 785
Izod Impact notched, 1/8 in	170	J/m	ASTM D 256
Izod Impact notched, 1/4 in	150	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
Coefficient of Thermal Expansion, MD	97	E-6/K	ASTM D 696
DTUL @ 66 psi	98.9	°C	ASTM D 648
DTUL @ 264 psi	88.9	°C	ASTM D 648
Vicat Temperature	105	°C	ASTM D 1525
Electrical properties			
ASTM Data			
Volume Resistivity	1E15	Ohm*cm	ASTM D 257
Other properties			
Density	1050	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Delivery form

Pellets, Natural Color