

TRILAC® ABS-HF5500

ABS

Amco Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	20	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	51.7	MPa	ASTM D 638
Flexural Modulus	2337	MPa	ASTM D 790
Rockwell Hardness	R 118	-	ASTM D 785
Izod Impact notched, 1/8 in	299	J/m	ASTM D 256
Izod Impact notched, 1/4 in	267	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.52	mm	-
DTUL @ 66 psi	96.1	°C	ASTM D 648
DTUL @ 264 psi	87.2	°C	ASTM D 648
Other properties			
Density	1050	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	87.8 - 93.3	°C	-
Pre-drying - Time	2 - 24	h	-
Melt temperature	218 - 260	°C	-
Mold temperature	48.9 - 65.6	°C	-
Zone 1	193	°C	-
Zone 2	216	°C	-
Zone 3	232	°C	-
Screw speed	50 - 60	rpm	-
Injection pressure	68.9 - 82.7	MPa	-
Back pressure	0.689	MPa	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa