

AP6112-HS

PP

Invista

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	12	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	24	MPa	ASTM D 638
Elongation at Yield	6	%	ASTM D 638
Flexural Modulus	1240	MPa	ASTM D 790
Rockwell Hardness	R 98	-	ASTM D 785
Gardner Impact	23	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	123	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	99	°C	ASTM D 648
Melting Temperature	162	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	226 - 246	°C	-
Mold temperature	15 - 49	°C	-

Characteristics**Processing**

Injection Molding

Applications

Medical

Features

Copolymer, Impact Copolymer

Regional Availability

North America

Certifications

Food contact, Food approval FDA 21 CFR, Medical Grade, US Pharmacopeia Class VI Approved, Drug Master File, RoHS compliant