AP5520-HA

PP Invista

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	**20**	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	**26**	MPa	ASTM D 638
Elongation at Yield	**6**	%	ASTM D 638
Flexural Modulus	**1517**	MPa	ASTM D 790
Rockwell Hardness	**R 100**	-	ASTM D 785
Gardner Impact	**17**	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	**112**	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	**100**	°C	ASTM D 648
Melting Temperature	**162**	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	**900**	kg/m³	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

Special Characteristics
Anti-static

Features
Nucleated, Copolymer, Impact Copolymer

Certifications
Food contact, Food approval FDA 21 CFR, RoHS compliant

Regional Availability
North America

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