

Product Texts

SABIC® PP 5211P is a non-formulated grade, specially developed for bi-axially oriented PP (BOPP) film extrusion with a very specific molecular structure providing ultimate properties required for the stenter film process. Films produced using PP 5211P will exhibit:
 -Easy process ability, Good thickness control -Superior optical properties -High tensile properties -Low residual ash -Film produced can be metalized

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	3.3	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield strain	10	%	ISO 527
ASTM Data			
Tensile Strength at Yield	33	MPa	ASTM D 638
Rockwell Hardness	R102	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	96	°C	ASTM D 648